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Daily Field notes of Tamaulipas Expedition, 1

by

Richard S. MacNeish

1450

Nov 17, 1945 — Left Chicago about 7 o'clock with Hubert Smith and car load of equipment. Arrived at Ottawa at 10:20. MacGregor arrived about eleven. Ate lunch and arrived at the site at noon. Immediately contacted Danner and the 3 of us walked out the site. The concentrations of sherds agreed with what Wray & I found. Later in the afternoon I ran on to a child burial with seed-sized blue & black & white glass beads and the usual 3 copper hair coils. Later went and talked to Healy. His wife had recently died so he wasn't enthusiastic about digging. However, I believe he will be willing by spring when ~~the case of~~ his grief for his wife is not so ~~immediate~~ overwhelming. Later returned to Danner and talked about details of excavation. Everything around we may be able to rent the ball-room at the top of ~~their~~ his house for a laboratory. ~~[illegible]~~ Saw ~~[illegible]~~ Simmons and he gossiped about Swenson. May not be able to get permission there. Then, went and inspected top of Buffalo Rock, no Miami village apparent and gravel company has obliterated much of the rock. However, there are empty barns, there that may be available for works etc. MacGregor said he would talk to State Parks about it. Left MacGregor & Smith at 5 o'clock and drove to Havana.

Kaskaskia Site

Nov. 18, Incorrect date

— In the morning looked at the Lucarite Site and found nothing. Then went on to Springfield and called MacGregor and began to go over the

Havana materials. Spent much of the afternoon explaining site to MacGregor.

Nov. 19. — MacGregor had done an excellent job of analysis of the battery and for the most part I agreed with his analysis. Also, he had a number of trade sherds that should be identified by Griffin. We then checked the sherds against the arbitrary levels in the test pits and found some interesting facts. Type 3 sherds appeared only late. Rocker stamping late. Cordmarking predominant over smooth early & vice versa late. Straight roulettes appeared before crescent roulette. Thus it appears that Mn 06 is earlier than Mn 09

Havana site analysis

Nov 20.–21 — Drove to Austin Texas

Nov. 22. — Arrived in Austin called Krieger and went over sequence of cultures and stratigraphy in his area. Charts of his sequences and pottery types are on the next page. Off the sequences I have no doubt. It really looks like he has the stuff well organized and his publication should be a beauty.

Nov. 23. — Talked over more the sequences and began a discussion of Buzzard Cult and particular the Spiro materials. Later called Orr at Comp Walter and arrange a meeting with him for tomorrow

Nov. 24 — Saw Orr & had real session about cult & sequence in Okla & Texas & Louis. About now I believe I have a good grasp of the materials from this area and may be able to discuss them intelligently.

Nov. 25 — After this long discussion three facts have gradually become very apparent and that the whole concept of a cult or definition of a cult could clear some going over. The facts apparent are.

Bayzand Cult?

1. That the "cult" may have lasted for as much as 200 years and was not a cult at all but more a religion. (The pattern of thought is completely analous to what happened in discussion of Hopewell).
2. That the differences between ~~Hopewell~~ Spiro and the more easterly Bayzand cult material may be due to a temporal rather than a spatial difference.
3. That the Spiro-Southern cult material are earlier than that to the east, certainly pre-DeSoto and probably pre-Columbian and that the Mexican elements both cult and general (trepanned crania etc) probably filtered into this area slowly and increased as time went on.

The above statements are not merely intuitive statements but are based on sound archaeological facts. First let us examine the evidence that Spiro cult materials are early:

Age of Bayzand cult

1. The Henrietta focus of the Pan-handle area of Texas may be equated with the Quivira materials of S.W. Kansas identified by Wedel. The Quivira site may be dated as 1530. Confirming this date is the fact that in the Henrietta materials are found Pueblo glaze sherds period III & IV, Chupadero B/W and the "Brown ware" of W. Mex which date by tree rings as between 1450 to 1550. Over the Sanders focus materials (which have Bayzand cult). at the Sanders site

are found Henrietta sherds. Therefore, the Buzzard cult ¶ 4 at Sanders before 1550 and very likely before 1520.

2. Henrietta sherds are intrusive into the Titus focus. The Titus focus is stratigraphically over the Spiro material. Therefore Buzzard cult of Spiro is before 1550 etc.

3. Pueblo corrugated sherds, Chipaller B/W and Upper Gila Smudged ware, dated by Haury by Dendrochronology as not later than 1450, are found in the Titus focus. Titus focus is over Spiro. Therefore, Spiro is before 1450.

4. The Frankston focus sites are located on the Red River in the exact location of the Hasinai villages seen by De Soto in 1540. Also, confirming the Spanish accounts that Hasinai were trading with the S. Ware numerous S.W. glaze sherds. The Frankston focus has Titus sherds in it. Titus is over Spiro. Therefore, Spiro is pre 1540 and pre-De Soto.

5. Confirming this evidence is the fact that Frankston sherds were found by Kelley at Presidio on the Rio Grande and on the basis of Spanish contacts with Espejo in 1583. These materials must be earlier than 1583. etc.

6. Scallop pottery shapes foreign to this area and, also, foreign to the S.W. are found at Pecos in glaze S. 1550 to 1650. Also, at Pecos shoulder bowl is in glaze III & IV for the first time. Shoulder bowl and shapes are typical of Fernelana & Leftwich foci. These Spiro which is under Titus probably is before 1550.

7. (After Orr) The distinctive pipes, shell & stone beads, triangular side notched point of Quivira (1530) are found in the Fort Coffee material which are over Spiro. Therefore, Spiro may be before 1530.

8. John Griffin has pointed out to be that certain "Mississippian" → site in Florida with cult material are late probably after 1600

9. Natchez ethnology 1670± indicate cult still going on.

Nov. 26 — Met the faculty of Univ of Texas. Went over more Texas materials. A ~~guy~~ MAN named Campbell is working up the coastal Texas stuff. Should be finished by time I get back.

Nov. 27 — Acquired in the Texas collection, from Texas (?) are a number of items that need explanation.

1. A stone spindle whorl, Period V, of Mexico. Has been found in Texas?
2. 3 tons F Lone B/W sherds have been acquired and are labeled as surfaces from Chambers Co., Tex.?
3. Stone pottery stamps have been found in N.E. Texas. Especially Mexican?
4. A carved stone head ~~has been found~~ of superior work has been found in North Texas!
5. A collector in Dallas has a stone bowl of Jade found around Dallas?
6. 4 Aztec sherds (Aztec III) have been found at Mission sites. (near San Antonio)

Mexican objects in Texas

Plainfield (Fulton) ~~Nov. 28~~ made careful analysis of pottery, also met Dillard & saw Plainfield material which we associate with extinct bisons. I wonder if it isn't just possible that numerous of the Pleistocene fauna lagged considerably after Pleistocene times in Texas?

Nov. 28. — Spent the morning going over Kelley's material from Presidio on the Rio Grande. For the most part his stuff is allied with the S.W. and he claims that the S.W. did not extend further down the Rio Grande though it did extend into Mexico down the Conchos (Old Conquistador & parrot feather trail). The four culture phases are:

Presidio

Phases are: Presidio. — 1683
Conquistador
Concepcion — 1582
La Junta

The front is allied with El Paso pottery & Alma plain, the people lived in rectangular connected pueblo house. Also round house and there were rectangular kiva structures associated. Record – Rectangular house unconnected of kind – Mission influence

Hsh – full mission

S.E. sherds in Mexico – Later that day I looked over a number of sherds found at in the valley of Mexico that probablaly were made in the southwest. There were a number of cord-marked sherds, a couple with complicated stamp and a couple with zone punctate.

Also, I received a copy of Anderson's locations of sites in Brownsville area, Cameron County. This stuff should more fully be worked over.

Nov. 29 – Drove to Brownsville

Nov. 30 – Received mail from Chholm, no check until afternoon mail (was ready to really get mad). Took most of morning tracing down Anderson collection. Finally after much dickering found it. It all nicely catalogued by but the catalogue is not available.

Anderson Collection – One fact, however, was immediately apparent. Huasteca sherds from periods 4, 5, and 6 have been found in graves in Cameron County. A drawing of some of these sherds may be found on the following pages. The following Huasteca types were found.

1. Huasteca B/W (Period 6) – 10 sherds, 2 pots
2. Tonal polychrome (V & 6)
3. Heavy plain – I to 6
4. Las Flores Relief – (5)
5. Redware (period V ?)

Also, a gorget with a carved human figure was found, on having

It certainly will be necessary to contact Anderson's family and find out about the catalogue number and then visit these sites. Fortunately, I was told to get in touch with a man named Tony Sallum who used to accompany Anderson on his journeys. He may be very valuable. Will see him tomorrow. Spoke to him over the phone. There appear to me no other amateurs in this area.

Dec. 1 – Saw Tony Sallum from 8 A.M. to 10 A.M. This man if his statements are valid may be invaluable. I would hire him immediately as a guide if it was not for the fact that he has a $300 a month job and I have no money. Evidently both he and Anderson frequently worked in northernmost Tamaulipas. Upon showing him the map he pointed out about 15 places were materials may be found and from his description much of it should period V – Tancol polychrome. Unfortunately he had little time so he had to finish up his monthly reports but expects to return monday and spot all the sites they found in Tamaulipas on my map. I shall not enter any of this Data on my survey sheets until I have verified it personally. However, I shall mention the sites he told me about now on this page. All along the Rio Pita there appear to have been numerous camp sites about 10.

Anderson & Sallum Survey in Tamaulipas

1. At the mouth of the El Tigre is big site
3. At Bonil is a site
4. At Los Portales is an excellent site with much pottery
5. On the first ridge in back of Portales across a bridge near a salt lake to the left is a site
6. There are about 4 sites son Jose, Los Enebtos, Los Jarros which have much pottery.

7. Near El Blanco is a site next to Rio Grande

In the afternoon went up in the Cayo Alusaco region to try to relocate some of Anderson's site. I did not find any of his but did find another one. Fragment of 8 skulls had eroded out of the bank. This

Site Cm b 45

Cm b 45. – Cm = Cameron county, b = burial, 45 is serial number after last site found by Anderson. ~~In the afternoon~~ Unfortunately, the owner of much of this property was not at Home and I couldn't or didn't dare go into parts of it. I will see him later. In the evening I attempted to contact a man named John Davis, collector in P. Isar – not available. He was suggest I look up Matthew's in McAllen but he didn't have phone. Also, got tourist visa and I believe I will go to Reynosa City, Monday as I have not received the permit yet.

Dec. 1. – Caught up on field notes, wrote letters to Krieger, Griffin, Eckholm and sent bi-monthly report to Cole. Will arranged to have notes copied in triplicate. One for Instituto de Antropología Universidad del Chicago y mi. Among other things I wrote a long letter to Anderson's daughter about giving their father collection to U. of Texas. It sure would help their survey and would be in a place where it would do the most good. I, also, asked for the catalogue, which the catalogue I asked go Tom on giving a report on the finding of Anderson.

Dec. 2 — After a rather late start I drove to Antiguo Morelos in the first day. Got my first chance to see Tamaulipas. Had a little trouble getting gasoline but otherwise ok. My Spaniels seems to hold up under five of the natives

Dec. 3. — Arrived in Mexico City in the evening. It was quite a trip over the terrific mountains and the scenery magnificient. ~~Several swim~~. Late in afternoon we started down and the first town we hit was Zimapan. The scenery and the town was beautiful. It really would be a swell place to live. Decided to stay at a Tourist Court. Guadalupe Courts. — Cheaper than hotels, about 2.50 per day.

Dec. 4. — Started to look for official — Morlaney del Rio not in, Palacios quit for the day. Moreno in Oaxaca and Borbolla out. Quit looking at 2 o'clock — a little (?) discouraged — and went out to Teotihuacan. The Jefe — Manuel Castañeda Ramirez, an intelligent young archaeologist, spent about 4 hours taking us around. Pompei and the near east has nothing on this ruin. The very two of the three sites that they are now excavating. It must have been very beautiful in the original. The outside was painted red and the inside was covered with frescos. Also, he showed me some of the pottery. Pipes and copper don't appear in Teotihuacan time. very significant?

Dec. 5. — I got to see Morlaney del Rio. very intelligent fellow and no doubt will be of help. Also, had a long talk with Palacios. My permission is now sitting in Brownsville. He told me Soldivar was in the ministry of ext. affairs. I applied to Palacios that I would give them a complete set of notes of my daily notes, maps and all materials I left with everybody, all very happy. Then I looked for Soldivar to no avail. Finally in the afternoon I went to talk with Rubin de la Borbolla. He was a wealth of information. First he told me about a new cache found in the Monte Albon region that

is rather than the funds of Oso (Mexico). Secondly he told me about the financial set up of the Institute. It is a little hard on good old archaeology. Then he told me about the finds of Helmut del Toro near Teotihuacan. It appears that he too has found artifacts in the same strata as the remains of elephants bones. At last early man in Mexico! Also, he is giving me a copy of the strong Round Table Conference Report. That will be handy. Finally we talked over the question of Kroeger getting the allocation of endowment. He thinks he has friends that may be able to help. Many owns. I, also, asked about having a study of the copper. I'll bet some of the copper at Teotihuacan V & VI is from Lake Superior.

Dec. 6. — ~~Went down to the Institute to get some books.~~ ~~Found Watkins~~ Looked for Zenayea. Didn't find it looked for Baldwin and didn't find him. Institute closed because of a funeral.

Dec. 7. went down to the Institute to get some books. Found Watkins, left him in Fuente, and went down. Talked over permissions, passports & visa etc. ~~Went to~~ Read some of the round table conference stuff & talked to Baldwin & Dr Chain of Tamaulipas etc. went to a party of anthropologists at De la Fuente. Went to Baldwin's house late in the ~~Dec. 8.~~ afternoon and found him. This guy will be valuable. Called Meade and he is in San Luis Potosi.

Dec. 8. — Went to see Salazar in the morning. Spent four hours with him. Beside a wealth of information about Olos & ruins found on the next page he gave me letter of introduction to the Governor of Tamaulipas, a professor in Ciudad Victoria, a rich person interested in archaeology, ~~and~~ from Victoria and to various peoples in towns on the small train. The notes will be found on the next page.

Important as the sites was the ethnological fact that the Comecrudo ~~to~~ were nomades and that during the 1500's were seen in the region of the Huasteca (near Tampico) on the Panuco, on the Rio Grande and that they went up into ~~Lower~~ Texas to a lake - either a lake in North Brooks County or a Bay in the North of Willacy County to get salt. This salt in block form they traded north & south. Probably this is our means of contact between Mexico and the Southwest. He is getting me the exact sources for this data.

In the afternoon I was supposed to meet Monday del Rio at his hotel near Plaza de Santiago. Unfortunately I got lost and followed out the street Bolivar instead of Bolivar. When I turned he was gone. However, Senora Espejo showed me around his ruin. He appears to be doing an excellent job and he finding fast nearly such the ethnohistorical data. Later went out and found Tenayuca. While walking around I picked up 20 incised-marked potsherds and some complicated stamped sherds. Where in hell did these come from but the eastern most of the United States.

Later called Del Rio & apologized & will meet him Monday

Dec. 9. - Wrote notes, letters and so forth. Alex, the owner of the Guadalupe courts invited me dinner etc.

Dec. 10. - Early Monday morning saw Del Rio, had a very pleasant chat. Then left for Tampico. At Pachuca broke a spring. Had it repaired then over the mountain at night, on a gravel road in a thick fog. Forced to stop at Huastenango. June bought a few trinkets. Having trouble as usual getting receipts.

Dec. 11. — Drove to Tuxpan in the morning. Just outside Tuxpan there are a couple of conical pyramids (Huastec?). The road is really miserable from Tuxpan to Tampico. Just north of Celaino stopped and looked at four mounds, all stone surfaced. Three are conical, one rectangular. Picked up some sherds. Appears to be Huasteca, Period VI. Got stuck in the mud twice. Finally made Tampico after dark.

Dec. 12. — Went out to Panuco and saw Roberto Pavon and the Pavon site. Roberto is a swell guy. Also, saw Los Flores site. Examined Huasteca sherds of all period and saw some round shell gorgets. Later in the evening saw Blas Rodriguez.

Dec. 13 - Saw B. Rodriguez collection. Has a lot of stuff. Good review of Ekholm's stuff. Then Pavon and I went out to Tampico Alto to see the collection of a priest. The collection was excellent and his small museum excellently kept up. While on the way out Pavon told me his biggest secret. It sure is important. Both he and I are writing Ekholm about it. Pavon would like to go on the survey with me and it would cost me only expense. I believe in the future I will take him. He might prove invaluable

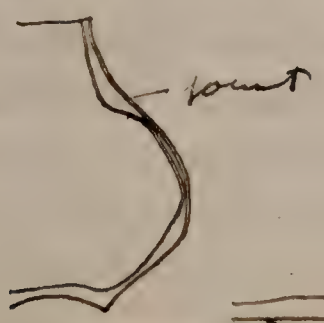
Dec. 14 — Drove from Tampico to Brownsville. It rained and roads were slick. Will stopping in San Fernando I found a site and least was told about one near town.

Dec. 15. – Got laundry and finally received the permission. At last the expedition is official. In the afternoon went out and found Judge Davey. He has the Anderson field notes and I will get them Monday. Among my letters from Cole, the Busar's office etc was a card from Jack T. Hughes, a student of Kriegger who would like to work for me for free. He had been in Brownsville for two day and now just left. Tried to contact him at the customs gate but no sucess. If I can contact him he will be a valuable asset. At present he would be helpful but in couple of month he would be invaluable. Thus I would have a crew of five in the future for excavation and might be able to excavate 4 places at the same time. One under my direction, one under the direction of June, one under Davey and one under Hughes. It will be a neat set up if it pans out.

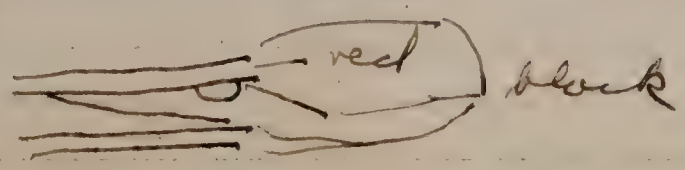
Dec. 16 – Saw Mr. Champion about Anderson's fieldnotes Finally found them out at his house with the materials. They consist of three notebooks not in too bad condition. Spent rest of the day reading them. From them I got the exact location of the Huastecan (S) who pots. No real catalogue was found. In the following pages I shall describe briefly the pots and their locations

1. Olla – la Loma de la Pesca – Cream in color

shape



Decoration =



Site is about 100 yard. S.W of white road from Soledad to La Pesca crosses the Arroyo del Tigre. 4 burials were also, found in the same area.

Tonal Polychrome

Alla - La Loma Alravarada

probably same shape as other - evidently only a real work over outside

- Found near ranch Alravarada - about 100 yards north of focales. Ask inhabitants about things.

Alla - Cayo Alascoso

Found at site 16.G have picture of it.

Huastec B/W

Alla - Tanque Salado

La Frontera's son - a place about 1½ miles westerly from the ranch. It was on the western margin of a narrow eroding resaca ridge running from N.E to S.W between two salt lagunas. Anderson dug a hole here same shape as first

- Designs red and black on cream, animal Design

Tonal Polychrome

Bonel Las Arocahuitas

Situated about 2 miles westerly from Arocahuitas just south of arroyo del Tigre 13 S. from Malamoros a small resaca channel shoots off eastern slope. It is a small hole

Shape

Huastec B/W.

Engraved Shell Ornament C 3956

It was found in 1917 by Melcher Cortez about 2½ yds N.W of Fresnos Resaca and about two miles distance West of Tepehaje Ranch in Abre 18 of Espinita Santa Fount, Cameron Co. Lat 26°08.4 Long 93° 31.8. It was associated with human bones.

Also, got a map of Anderson's sites in which sites agree with map.
Worked a little on a report on the trade pottery at Kreuzwald.

Dec. 17 — Decided to attempt to find a number of sites of Anderson to see what they were like and perhaps to excavate in the future. Spent the day looking for S 16.6 and S 16.5. Found both after much walking. There were scattered human bone, charcoal and shell (oyster cat) at 16.6. while at 16.5 there was only a thin line a charcoal (the line I met ~~Watch~~) as well as shell. It was cold raining and threatening to rain all day.
Dec 18. - Went out and found 0.0 S found only a line of charcoal and few scattered bone not human (damn near faze).
Dec. 19. — Went and found 12.7 and 13.3. 12.7 had only scattered fragment of shell and a few (3) pieces of flint. 13.3 was much better, part of a skeleton had eroded from the bank and there was a fine, very disturbed line of charcoal that showed up on the a bank. This line extend for about 30 feet. This is the best site I have seen. No relics found. It was bitterly cold with a cold wind
Dec. 20. Went and found 10.2 w, 10.3 w and 10.4. None of them were very good. Also, this jungle is terrific.

Dec. 21 — ~~Left Brownsville and but~~ first returned Anderson notes, got mail, sent a letters to Cole & Krieger. Then went around and talked to Champion about the ethnology of Brownsville area and talked over Baldwin's book.
Finally, was ready to go and then found out I was not able to use a tourist visa. Therefore I went to the immigration authorities at Matamoras and after showing my official documents got a courtesy visa from the Jefe. By the time I finished this crap it was to late to start

Dec. 22 – Drove from Matamoros to Abasolo. It sure helps to have a few letters to important people, a special courtesy visa and the permit. In the evening at Abasolo, beside drawing a crowd of miles to look at the animals strange, I received some interesting information. First of all there are archeologists at Jiménez which may give a little information about archeology of the area. Also, there are Indian remains from Cerro Gordo. Also, I found out that there is a site at Contraderas and that el Sauz Salinas has many points. Secondly, at the Bridge between Jiménez and Abasolo, at the Pachos de Samaniego are many things of the. Also at Arroyo de Cabezas ~~[illegible]~~ is a camp. Also, at the Pachos Garcitillo are large bones. In the Cerro de la Aire are many caves with things of the Indians. The Presidente of the town believes that the Indians lived mostly in this region. We then sat down and planned a little trip for me and Jane to this place on the 25. Nothing like Christmas on a horse for 8 hours. Also, the presidente has a metate, in stone mortar or olla and 3 roller pestles or manos.

Dec. 23 – During the morning I took a picture of the stone mortar (or olla as it is called in this region) the metate and pestle. These all were found in the bank about 8 feet down on the left la Marina river at Palo Alto ~~[illegible]~~

The photograph is on the next page

In the afternoon I started off on the Road for Palo Alto.

~~Dec~~ = Tomanlejas
= camp or pueblito
= burial
r = ruin of long occupation
c = cave

Jm c 1 — On the road from Abasalo to Contreras, about 200 yds - north of Contreras just before the Telephone line passes from the left side of the road to the right. We noticed a large deposit of mussel shells. On look around we found a large area mainly left of the road. The materials found includes two thumbnail scrapers, much flint, and 2 piece of pottery. I do not believe the site has much depth.

Jm c 2 -- About 2 miles south from Contreras on the road to Palo Alto, just before one reaches the largest arroyo between the two towns (coming from Contreras) there was a large site. This site appeared to be at least one foot deep. We found four pieces of pottery, one points, part of three other, part of a knife and some scrapers. There is also, an abundance of mussel shells and some animal bones.

Jm c 3 — Past Palo Alto at the Arroyo Cobreso, down about 200 yards down from the road crossing on the arroyo on the south bank near the top was a huge deposit of shell about 70 feet in length. walking along underneath it ~~—~~ I found an large shered and quantities of flint. This arroyo will be further investigated.

On Dec 28 I will take the trip to the Cerro de la aire. I, also, talked with person from Chamal. He suggest I drive to Isla la Marina, take a boat to Pescar and then take a horse to El Senor Kennedy's ranch at Chamal. He believed Kennedy is interested in Indian things.

Dec. 24 — El Senor Fernando Salinas of Jimenez said at Ranch La Bonita, there are caves on the road from Jimenez to San Fernando.
El Puerto de Loeja, municipio de Namiquipa
El Professor told were painting. At Pueblata ~~From Casas~~ from Victoria to Casas, then to Los Angeles, leave car there, then later a mule, ask the people about this. He will give me letters to people there. San Antonio de Nuevas, south of Victoria. Go in the car 6 miles then take a mile

Dec. 25 — Took a horse from Ojitos to Cerro Alto. Saw two caves. One was completely plain. The other, a limestone cave in which Indian objects might have been found, I went into. Only one flint scraper was found. After a good deal of crawling around I died for a place that might have been burial refuge. It contained nothing but dung. Of organic material, probably charcoal, was found no artifacts.

Jan. 5. On the way back on the north bank of the Arroyo de Tierra, about 1 mile N.N.E of Ojitos on the trail to the cave found a very large nucleus of shell, found 3 pieces of pottery, 2 of perpendicular points, scrapers & large depth of habitation.

Also, was told about a box, skull, weapons on the top of a mountain but went on the future

Dec 26. Drove to Chihuahua was not able to find the governor. Also, burned out a generator for a gadget. This car is not built for this country. It is really to bad for me to run this car in this country while the University of Chicago could put me away for another.

Dec. 27 — Attempted to see the governor but this is the end of the year so we camped, Hanson, I and Lee, Pablo Lucero, Marling & mulino, and the teamsters gave me a letter to Candelario Reyes. He proved to be a very interesting fellow & showed me a pot he found Pueblito, that is different from Zuni, also, a ritual & plants. Kept contemplating & thinking about the ruins of Pueblito & pyramids of Calabazas all day. When I brought the subject up to Marling & Marling he immediately gave me letters to people in that country. Sorry I left for a trip out south of Isleta and if I wanted to go south of the Pass if I found something important and since the stock from Isleta to Marina are like Pueblito & Aguas Ch. may be the home of Zuni's ancestors. If it has something important I'll ask permission to dig.

Dec 28 — Met a man named Pablo de la Garza who owns a ranch west of Chamal. He offered all sort of help. I will probably stay at his place in the future. Photographed Reyes' pot. Got letter to people in Isleta & Marina & Pueblo Farm in Los Angeles.

Dec 29 nite

Contacted Zo for Angles with Cyclonic Salvos. Left on the night for Los Angeles. Stopped for gas but could not be served on Sabbath nights.

Dec 30 - Arrived in Los Angeles, & in returning with the Pueblo Jose, called to see his son who lives home in the mountains. He is a good man Pedro. He will try to get a 2 day trip i Pueblito. He told me about - Cave with paintings in the canyon Pueblo & another large ruin north of Pueblito. Dried fish about the size. Jerky is quite tough but so good. Unfortunately he will have to stay in Los Angeles stranded for a nite such Thursday.

Dec. 31 - Started out on horse back about 9 o'clock. It was a rough trip and by the time I had arrived at Pueblito I was full of little ticks. We didn't arrive until 4 o'clock in the afternoon. Bought some of the grass around the ruin and looked it over. I saw a rough sketch of it to be found on the following page. The houses certainly are round and there are some delicate pigments also found. The whole place is [illegible] defiance. [illegible] on the ground.

Pueblito T.

Jan 1. - [illegible] morning walking over all of the ruin. Pedro showed us another fortification that he says is 5 times big. Also there one on Chaparral Mountain near Calabasas. After walking around

Pueblito.

He could tell me nothing about [illegible] about [illegible] the [illegible] main. Tried [illegible] [illegible] broke. Fixed. Decided to [illegible] better [illegible] [illegible] [illegible] [illegible] and [illegible] to bed.

Jan 6. — Went to visit [illegible] and tried unsuccessfully to get in touch with [illegible] [illegible] [illegible] [illegible] Compañía [illegible] and [illegible]. Had more water trouble, One flat and short [illegible] in the generator.

Jan 7. — Cleaned car, tried to see official [illegible] in the afternoon. Repaired 3 tubes, wrote [illegible] report, figured up budget. [illegible] in Mexico [illegible] for [illegible] [illegible] [illegible]. Found the car [illegible] and repaired 3 [illegible] tubes. [illegible]

Jan. 8 — [illegible] [illegible] on to [illegible]. Learned from a fellow at San Fernando that there are large fossil bones of animals found in the river bank 21 kilo [illegible] of San Fernando at Rancho [illegible] and that I should ask Raphael [illegible] about them. He, also, informed me that arrowpoint are found nearby. Stopped on the way down but Raphael wasn't home and [illegible] though [illegible] of the [illegible] did not know of the location the bones. A man named Roy told me about it.

Fossil bones of large animal on bank of Rio Conchos

~~Jan 9.~~ — Got three flats on the way to [illegible]. [illegible] changing tires in middle of the [illegible] with [illegible] a [illegible] could be [illegible]

Jan 9. — Spent morning repairing tubes and changing position of tires. Then took [illegible] of [illegible] Palo Altos and [illegible] to [illegible].

Tr. 2 Stopped and took [illegible] at [illegible]. The [illegible] [illegible] about a [illegible] deep. Stopped again at [illegible] [illegible]. This [illegible] [illegible]

Tr. 7 about a mile [illegible] of the [illegible] in the [illegible]

and one side. It was about 100 yards north of the road on top of the bank. Depth of deposits 6 inches.

Jan 8. About 300 north of the road just among the head of the wide flood outlet. The bank had not protected on piece of pottery. This is why I do mean that it was from the head flood outlet, and not on the top of the bank. Depth about 4 inches on the bank.

Jan 9 On the top of west bank just across the Orange Lining on both sides of the road, I noticed a mass of shell. The site had much flint on it but few artifacts. Depth about 1 foot or less.

Jan 10 — At the next big Orange Lining on the road to the site I mention the west site was found. It is large site and on the west bank. The deposits are about 1 foot deep — 3 or 4 feet thick. This looks like a good site but would take plenty of digging.

Arrived at Lotus Marina at night.

Jan 10 — Spent morning talking to officials. Then about 11 o'clock took a ride up along the head of river. I went north to end of the bank from the town. Had dispute of which it is closed in the map. We cut the first unperfect one we met.

Jan 11 Made an plan about the boundaries for Tom and cut the same one part of it.

Jan 12 — Went to Mr about 7 on the north east part of the city on north side R. This was Pots production and I found some sherds on it but can't tell if they are modern or not. This is on the old Ennis to Angles.

Then I returned from Tm C12 to Tm C11, walking about the middle of the line

Tm C13 About 600 yards north of Rocky Ford

Tm C14 I found an old. dark, like a foot of depress and about 300 yards west of Rocky creek site.

Jan. 11. — Started out to the creek site and the inexpediency of this winter hunting struck me. First I got stuck in a place of the river in a shallow ford. This meant unloading our team in the water and carrying 10 pieces. Then later, in the day I got stuck in the ground in a big swamp. Took up 5 hours to get out and in the end was necessary to have horses pulls us out. 4 horses — 2 men, = 6 persons. Then I paid one guide 10 pesos. ~~[illegible]~~ Got to the site as I have now worked getting out of places. Each time would get stuck in, I have expressing for lack of car and one thing, [illegible] one is down little people pursuing this car, wanting to find, finding its motor with water, ruining its tires and checking its body to pieces when the University of Chicago would have well afford a cheap second hand truck that would have none of this trouble.

Took a picture of a stone mortar found in Pitillo by Carlos Rodriguez of Santa Ana.

During the evening Paul Rivas called on me and asked to take his boy, Victor, to Polo Alto where he could get a ride to Vitoria. The car of course wouldn't work, my tube blew out

Jan. 12 – Flight quit. Tried to get out of here as weather report said 3 days rain. Got 10 miles. Stuck in mud for 3 hours. Finally returned to Lots la Marina. Tired and dirty. I wish I had a truck.

Jan. 13. – Read most of the day as it rained. Late in the afternoon went out to Tm c 12 and found another site directly behind Tm c 14. This I have called Tm c 15 and it is quite an artifact. It is about 150 meters from the Rio. Then I moved north of Rangles for Angles, about 200 yards north found a site in the bank of the River Tm c 16. The deposits are Tm c 16 about 2 feet on the present surface. Continued northward about 250 north of Well car at Rancho Los Angles and found another small site. This Tm c 17 had a small piece of Western Black on white pottery on it and is called Tm c 17. Dug around a pit look for rest of pot and depth of deposit. Depth of deposit 2 inches and didn't find other stuff. Then another 50 yards found another small site on the bank of the river Tm c 18. Very small. Tm c 18.

After this I walked about 2 miles northward along the bank and found nothing. This noon I have crossed back South and west of Lots la Marina for about 5 miles.

On the way back to town about 1 mile from the edge of town a large arroyo cut back from the river to the road. This arroyo 150 yards north of cordon road ended long, Tm c 19. This was a deposit of shell that extended down about 2 feet but only one artifact was found. In spite of the lack of artifacts I consider this site to be Tm c 19

Stuck in the mud again in the car.

Jan 14. — Spent morning cleaning mud of car and cleaning out the fuel line that had become clogged. Also, getting the car started. Finally by noon the poor car was ready to run.
I then went east of town about 4 kilo along the river and at the Rancho _____ in a plowed field along the edge of the bank found a large site covering much territory and called Tm-20. The President of Lots la Marina went with me. This site is about 4 kilo from town and might be worth digging.
I then continued eastward along the bank about 5 kilo from Lots la Marina. At a place called La Pita (a river ford) I found a site along the trail about 150 meter from the river and about 75 meter from the top of the bank northward. It contained much flint, no fire artifacts, a practically no shell. All the previous sites have contained much shell.
During the evening I got a letter to someone in Aquita (near Piura). It would appear that there are some Inca ruins there. I have one report that there is a pyramid (from Calcapita of Palomin) and from the inhabitant here that there are houses of the Incas. It sure is intriguing. The man to call for is Eduardo Arredondo, and from Bergiell, ~~also~~ and it is best to look on the ranchos La Pita, La Aquita and El Arenal, and particularly the rancho El Toro

Tm-20

Tm-21

Jan 15 — Cold & wet, rained most of the day. After a couple of futile attempts at writing notes and finding that the coldness & dampness made be acutely uncomfortable I retired to my bed

Jan 16. — A little rain in the morning but cleared a noon. Decided to leave to-morrow. Spent afternoon changing oil, changing water and greasing car. It ought to run to-morrow and with a day of rain the road ought to be possible

Jan 17. — Started out about 10 o'clock and when the roads were dry enough to use. Got 14 kilometers and the car stopped. Tinkered with it for an hours, cleaned distributor etc. Finally walked back to Sota la Marina. In the meantime a truck coming from Jiminez stopped, fixed the car and June picked me up at Sota la Marina. Then turned around and drove to Sota and started for Buenavista. However, stopped shortly as it was to dark and road to sinuous to continue.

Jan. 18. — Found a rather extensive deposit of shell on the banks of the Arroyo Jiminez where it is crossed
Tm c22 by the road from Polo Alto to Buenavista. Actually only a few artifacts were found though intermingles with the shell was a great deal of flint. I dug a small test trench on the bank and the depth of the deposit appear to be about 2 feet.

Then continued on to Buenavista and at 10 o'clock ate at the ranch house of Senor Phillips. After lunch the boys Manuel and I carried on an inquisition with cowboys, asking about sites on the ranch. None knew about any. It seems quite likely that large arroyos bisect this ranch.

After leaving Buenavista the car began acting up. It sputtered and coughed. Unfortunately the road had some impossible (for our low car) parts in it so it was necessary on the short road to Verde so we had to retreat and go by way of Tancumba. Just outside of Tancumba it died completely. I examined the motor and other parts and was unable to find the difficulty. Slept 2 kilo south of Tancumba.

Jan. 19. — Walked Tancumba to Verde, 12 kilometers, then took a horse 15 kilo to Chanal. Mr. Kennedy sent a truck out from Chanal to pick up our equipment. June and I try to start the car; the excess in starting the car.

Jan. 20. — Today was Sunday and no mechanics available so the car remained in Tancumba. However, Mr. Kennedy was kind enough to let me use his car to examine the bank of the arroyo near his house were fossils had been found. The deposit behind

mainly marine animals and I'm afraid is either Miocene or Pliocene in age. No remains of man.

Then later went to San Patricio

T m c 23. where projectile point had been found. The site is on the ranch next to a windmill and water tank, and part of Kennedy's ranch. Numerous flints were found and 2 projectile points. Most interesting of all was the almost complete absence of shell. The site from erosion cuts appears to have 6 inch or less in depth and I suspect has been much washed.

On the way back Kennedy's car broke down but with aid of a little ~~tinkering~~ mechanics, man power and horse power we got back to Chamal.

Jan 21 — It was very cold out and I then caught a bad cold. Was not able to go to my car as Kennedy's car needed repairs

Jan. 22 — Went out to my car near Corrona and tried to get it started no success. Finally took out fuel pump diaphram was broken. Took diaphram back & out fuel pump back to Chamal for repairs.

While in Encinoso received information concerning site a kilo and (.5 kilo north of Encinoso) and at La Pinita (2 kilo west of Encinoso) from Senor Andres Reyes.

In the evening made up notes and prepared to analyze thoroughly materials thus far found.

Jan. 23. — Returned to Car get it working after 5 hours. Took it back to Chamal; fixed brakes, fixed pump, removed filter, cleaned car, put distilled water in the battery (All this with Pablo's help. Did some analysis of Pueblo ceramics. Cold as usual

Jan 24 – Finished Analysis of Pueblito pottery. Report on this pottery to be found on following page. Went to San Antonio got a few projectile point. Numbered site wrong.

Tm c 26. – On the north bank of the arroyo just east of San Antonio. Small site, little shell much flint.

Jan 25 – Packed car, filled it was gas, packed ceramics from Pueblitos and, also, finished trade shard study for Kroeber. Tomorrow I leave.

Jan 26 – Took horse along arroyo from Chomal to Catano. No site found. Left Chomal for La Aquita. At Caviso around the
Tm c 24 house I found a site. It has been pretty well trampled by cattle.

Down the road along the arroyo bank and
Tm c 25 on the south side of the ~~bank~~ road found a rather large site. The deposits extend down 2 feet.

Went to La Aquita, road lousy, most of the houses not at home. Will return tomorrow. Went to San Enrique for the night.

Jan. 27. – Went to La Aquita, no site saw ~~much~~ stuff from Mision on El Zora. Is very late colonial type circa 1800 to 1850. Received news of San Antonio site. Continued on to La Aquita
Tm c 27 From there I went to Viejo Marina. It is the original town of Solo La Marina, overgrown with jungle. However, it must have been quite a town. Amid the Spanish ruins were flint chips etc. My guide said that he believed that this town was on Indian site before the Spanish settled here. It is possible and I will check with Baldwin or Reyes.

After crawling around in the brush for three hours returned toward San Enrique.
Tm c 28 At the dry lake just east of San Enrique. I stopped and looked along the bank of the dry lake. Shell deposits and chips of flint may be found all along the north bank.

However, I only found projectile points at one place. This was above the highest stone tank on the N.P.R. side of the lake. I gave this position the site number Tm C 28.

Returned to San Carlos, the local school teacher will visit tomorrow at 10:30 and the people have believe he knows more ruins. Yellow is in his blood on his mother side and may come here

Jan 28. — waited for the professor. One of the Brevarto tigre hunt party flew in my mail. Blew a tire. Decided to try to get out and get another tire quick. Found a site 200 yds S. ~~of~~ of the most

Tm C 29. southwestward house in Repelle. Will examine and explain more later. Got out to Jimenez driving least 15 miles in a slow drizzle of rain & fog. Darn luck I got out in time. Found at Jimenez that the road from San Fernando to Matamoros was impassable as it had rained off and on for eight days. ~~Came~~ ~~to~~ Backed towards and went by way of Monterrey

Jan 28. — arrived Brownsville 6.00 P.M. Have driven for 25 hours straight — Enough said. No film but I think I can get a tire.

Jan 29 — Got 2 brand new tires, bought groceries, had car geared, oiled etc. Ready to leave tomorrow. Wrote letter.

Jan 30 — Wrote Report to Cole. Wrote to Huffin about job and seeing me. Wrote Krieger. Wrote Ekholm. Wrote Palacios for permission to explore Sierra de Tamaulipas and Rio de Palmas. Wrote Hopkins. Obviously it rained like hell all day so I couldn't leave Brownsville.

~~Jan 31 — Drove from Matamoros to San Fernando~~

Made an appointment with Tony Lilburn for the 20th. He says he can show me all auto roads of Mexico in 3 days.

Jan 31 — Drove from Matamoros to San Fernando over very terrible roads. Ate lunch

in San Fernando. Stopped at ~~San~~ San Jose de la Hacienda in the afternoon to check up on report of large bones. Was shown the bones and they are Mammoth. Looked at strata we they come from and we remain open. This should be further investigated. However,
Tm-30 300 yards directly east of the Town of Ixmiquilpan is a site, neat and well kept, notable. It is about 150 yards north of Arroyo Cordero. Arrived in Ixmiquilpan at night. Had a flat. No gas available. Felt sick at night.

Feb. 1. Il rained. I felt sick, stayed in bed all day, neither hemorrhaging or intestinal flu.

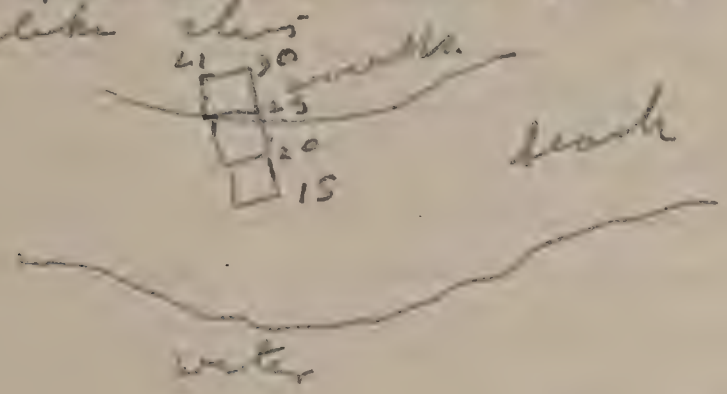
Feb. 2. — Got up early and walked with Rodolfo Cordero to a site he said was on a hill just north of the River. However, after a hour of walking we crossed the river. To late to return. This site
Tm-31 is located 3 Kilo. ~~south~~ of Ixmiquilpan and 2
Tm-32 Kilo. south on the hills of an old lake.
Tm-31 is on the north side while Tm-32 is on the south side. After this walk I felt pretty weary, fainted several times the day we went down on to Requelle. Came to hotel
Tm-29 weary. Tm-29 again. Written on hours time I collected a terrific amount of stuff. On the hill side just south of the road as you leave
Tm-33. Requelle. I found Tm-33.

Drove to Chapulhuacan. Had a date to eat. Too late to continue. I have the flu. Pain in face, chills, aspirin, etc.

Feb. 3 — Arrived at La Pesca about noon. Feeling better not sure. However, walking from Cortez on old military way of an island in the center of the mouth of the river, a little north of center called Isla de Pesca de Lombra. Visited a water spot and visited at. Heads of Tamaulipas
Tm-34. and possibly thirteen to fifteen were all about the most inland south of this island. This island I decide to further investigate. Will return tomorrow with 2 workers.

Feb. 4. – The archeological problem facing this island was: Was this island aboriginally occupied upon or permanently inhabited by Tonga people south (Tonga) or are these materials (shells) merely pieces that are landed to the island by the sea? The method for solving this problem was by excavation. A spot with both the beach and the highest part of the island was chosen. A 15 feet square was staked and ~~staked~~ was attacked out. This trench extended from the N.W. corner back to the S part the ~~top of the~~ edge of the flat top of the island. Map, elevation, were taken. See following page. Photography taken before excavation. The 0 (water axis) was 15 degrees north of the east-west axis (magnetic). The first square opened was 0-15, the second 0-20, and the third 0-25. Roughly it is like this:

TM C34



The top surface of all squares was layers of shell. However, it soon became apparent that the strata of shell were horizontal while the slope of the beach was not. Therefore, the first level of square 15 was equal to level 3 in square 30(?). All levels were 1 foot levels or multiples were spaced.

H. I. = 4 feet 1 inch Datum depth for map was taken

Station	Direction	Distance	Datum depth
stake 0-5	214°	27.5	8.1
stake 0-25	163	8.4	5'4"
stake 0-30	129	8.5	4 1½
1	322	36.3	10 [illegible]
2	269	28.11	10.10

3.	267	17.70	7'9 ✓
4	150	40	4 ✓
5	115	78	5'2" ✓
6	330	27	4'2 ✓
7	352	42	4'1 ✓
8	228	~~3~~ 41	10.2
9	340	~~1~~ 4 8	10.3
10.	15	58	10.8

Took a photography before excavation

Feb 5. – Returned the second day by boat. The wind was up and we really had a rough time of it. The stratigraphy of the top layers of shell became apparent. The stratigraphy was as follows.

T-4-34

(a) Sq 25 – level 1 – 1 foot
(b) Sq 25 level 2 – 1 foot and level 1 of square 20 are equal.
(c) Square 25 level 3 and square 20 level 2
(d) Square 25 level 4(a) and square 20 level 3(a) and square 15 level 1
(e) Square 25 level 4b, square 20 level 3b and square 15 level 2
(f) Square 25 level 4c, square 20 level 3c and square 15 level 3 – most of these are sterile.

The only feature found in a small mound is square 20 outlined by charcoal

Feb 6 – Returned finished up square, very cold, wet, windy, got a photograph of whole excavation from 15 to 30. Went over island directly east of this island and found flint chips and 2 or 3 piece of pottery

T-4-35

possibly modern

Returned to La Perra, wet, tired and made attempts to repair car battery.

Took measurement for a profile drawing see following page

~~Feb 7~~

In terms of datum depth for lagoon in with map

bottom level sq 15	— 7'7
bottom level 2 sq 20	6.9
bottom level 1 sq 20	6.2

measurement for profile drawing, putting

Stake	– bottom of shell,	bottom of dirt,	2 top shell,	bottom of dirt
15	14"	16½"		2'1"
20	14"	16½" ~~1'5½"~~	20	2'5"
25	2'2"	2'5½" ~~1'4½"~~	2'2"	3'6"
30	3'2"	3'4½	3'10	4'5"
30R/61	3'9"	~~2'4½"~~		4'4"
25R/61	2'8"	2'9½"	3'½"	3'8½
20R/61	1'1½"	1'3"	1'9"	2½
15R/61	9"	11"	1'3"	2

Feb 7. – went out from La Perra to a large island in the center of the lagoon, perhaps just ~~out~~ east of La Perra. walked around the whole island and was rewarded for my effort by finding a few flint chips on the beach on the south west side of the island. No artifacts were found but I am calling this site Tra 26

Tra 26

Catalogue of Tm^c 34

Tm^c 34 = Surface.
Tm^c 34-P1 = Sq 15, level 1
Tm^c 34-P2 = Sq 15, Level 2
Tm^c 34-P3 = Sq 20, level 1
Tm^c 34-P4 = Sq 20, level 2
Tm^c 34-P5 = Sq 20, level 3A
Tm^c 34-P6 = Sq 20, level 3B
Tm^c 34-P7 = Sq 20, level 3C
Tm^c 34-P8 = Sq 25, lev. 1
Tm^c 34-P9 = Sq 25, level 2
Tm^c 34-P10 = Sq 25, level 3
Tm^c 34-P11 = Sq 25, level 4

Feb. 8 — Drove to Pereas to Toncumba
went out from Verde looking for a site no
go. went to San Antonio and revisited
Tm^c 26 Tm^c 26. This was a mistake

Feb. 9 — Toncumba to Salado, to Tonto to San
Fernando
Tm^c 37 — At the first arroyo directly north of Charcoal
I found the repair of one small site.
It was on the north bank directly by the road to
Tm^c 38 Salado. At Salado I was directed to a
site just north of town and just east
of the arroyo. (Cellar, but gas cap stolen)
~~Feb 10. San Fernando~~
It was a very extensive site and though
erosion has taken its toll. It might be worth
digging. Hermit through Tonto and
Tonaqual. Told of site along coast. No guts one to visit it.
Feb. 10. San Fernando.

Feb 11. — After repairing the fly wheel pan we took off from San Fernando to La Piedra, searched around La Piedra no success. Then continued to Buenavista. No success. Our guide about notions proving totally useless. Continued on to Santa Fe. Then on to the San Fernando. Walked a lot talked a lot, listened a lot, worked 12 hours spoke nothing. Returned to San Fernando.

Feb. 12 — Something wrong with gear shift but after tinkering it worked. Afternoon took off for San José de la Noria. Stopped at the Arroyo Chamuco, walked two miles west of the highway along the arroyo exploring the walls, no success. Returned to la Noria and was guided to site Tm c 39. It is 1 kilometer east of the highway and about ¼ mile of the arroyo, on the complete summit of the hills paralleling the arroyo. Further inspected large bone from arroyo and am convinced it is a mammoth. Spent evening packing and preparing for trip to coast.

Tm c 39

Feb 13 - Had to tape water hose as they were leaking badly then able to take off. Road to Reconstancia very bad. Necessary to fix fly wheel pan twice. Finally made a camp near Pedrera by night. Had two reports of ruins, but no old ranch, the other next to Chivas did Nels contend which but no artifacts. Had to cut trees down so [illegible] could get through.

FIELD BLANK FOR SKELETAL MATERIAL.

Field number:
Museum number:

I. GENERAL DATA

Date discovered:
Discovered by:
Exposed by:
Removed by:

Numbered by:
Photograph numbers:

Sketch (over) check here:

II. STRATIGRAPHICAL DATA

Type of soil above burial:
Evidence of being intrusive:
Depth in relation to datum plane:
Depth below surface of mound:
Location (in square #):
Triangulation:

III. ETHNO-ARCHAEOLOGICAL DATA

Type of burial:

Position: A. Right arm:
B. Left arm:
C. Right leg:
D. Left leg:
E. Trunk:
F. Head:

Posthumous shifting of bones:

Associated objects:

General description of burial:

IV. OSTEOLOGICAL DATA

Age:
Sex:
Posthumous deformation:
State of preservation:
Bones broken:

Bones absent (or present):

Pathology:

Measurements and observations on bones in a poor state of preservation (before removal):

Neumann. 8-19-1930

Feb 14. — Between Cadrente and Pedreño in the morning two sites were found Tm c40 and Tm c41. Tm c41 was located about

Tm c40 Tm c41 1/4 mile north of Pedreño on both sides of the road. Tm c40 was situated 3/4 north of Pedreño and on the east side of the road. It was next to a fence enclosing a cornfield. Continued eastward and at ____ ____ found another site. It was 1 kilometer

Tm c42 S.S.E of town and only 410 meter from the Arroyo.

About 4 o'clock in the afternoon after having had to cut a road I arrived at La Barra. From there I received instructions to go to Ojo de Agua and see an old man who knew the territory named ____. This old took in to

Tm c43 the bay 3 Kilo E.N.E. Here at the highest point near the bay I found a site with a little pottery, a burial reinterred and cross put over it and tiny triangular projectile points.

Then the old man and I walked 1/2 mile

Tm c44. southward along an inlet and found a site with more pottery, a few point and a deposit layer of shell midden about 1 1/2 feet below the surface. I will return to this site on the boat trip and put in a test trench.

We then went out to an island directly

Tm c45 east of Tm c43. Found projectile points, flint chips and a little pottery.

All these sites are in the delta of the Arroyo Cochinca. The wind further out are reported to have more things. Impossible to get too
Slept in the stable of the old man's place.

Feb 15. This was a completely discouraging day. Started it off by getting lost and after finally reaching a ranch I then got stuck in the sand. At last I arrived at Cameros. There I was informed of three sites. I visited all three, getting stuck in the sand at one. No sites, no working. Finally arrived at Cachiaera. Slept there in the house of the patron.

Feb 16. — After interviewing most of the town of Cachiaera I left for Las Aclyantes. At only one ranch did I receive any information of importance but could get no guide. The ranch was Don Jose de Buchanita.

Finally arrived at the Chalon at Las Aclyantes. Here the man who ran the ferry showed really signs of intelligence. He knew of sites and arranged for a guide.

Feb 17. Early in the morning I went out to a bay directly north of the Rio Las Fernando into which empties another river which has a ferry. In this point between the two rivers I found two sites. In the west side of the point I found Tm 46 a small site with pottery and flint. On the point I found another site Tm 47. Artifacts were exceedingly scarce though I did find part of a metate with which special part. However, the most important find at this site was the remains of four burials. Two had been completely eroded out in their sea exposed and disintegrating

but obviously in a flexed position, head missing and without artifacts. The finally one was better. Only a few small bones were exposed.

Burial 1

When I started to excavate it decided to separate it found in necessary to drive to Tucson. June drove it for me. There was a crowd in and so I spent the remainder of the afternoon fixing the car.

Feb. 18 – In the morning we were planning to go to the island, but the car is not in shape so decided not to try it. Instead we went to Pima and [illegible] spent [illegible] – Tm c 47 and

Tm c 48

found the blown out remains of another camp.

Then returned to Tm m 47 and exposed burial 1. It was a tightly flexed female head N.W. It was in a shallow pit and very fragile and without artifacts. Took a photographic of it. Preserved bones.

Tm m 49 burial 1

Gear shift of car gone bad. Started to rain. Food all gone. Headed for San Fernando. Terrible knock in motor. Probable valves need grinding. 1 mile from San Antonio gear shift stuck in high, could not shift to other gears. Nursed the car along riding clutch and doing it no good! I said a lot of things about the University of Chicago and my lack of sense tackling a country like this without a proper running stock.

Finally hobbled into San Fernando. Dirty, tired, discouraged and hungry.

At the site north just east of San Antonio was shown and gave points of site near house. Car was too bad to go and examine it. Will return

Tm c 49

Feb. 19 — Took car to local garage at San Fernando. They knew nothing about gear shift. Finally I took it apart and using a stick glued it up as a ferrule I fitted it. Then started for Brownsville and repairs.

Had two flat tires on the way. Also feed line clogged. Motor sounds really bad. Gear shift broke twice as one part is very worn. Finally hobbled into a garage in Brownsville and repairs. 2 miles farther and I would not have made it.

There I had letter from Griffin & Krueger telling me that tomorrow there would be a little conference at Austin with Orr, Stonecliff, Kelly, Campbell, Krueger and Griffin. Both asked me to bring my stuff. Also, was told that thanks to my arranging Anderson's stuff was at the University of Texas.

Was lucky and caught a plane ride, free to San Antonio and then took bus to Austin. There was stiff weather and got a hotel room.

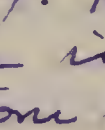
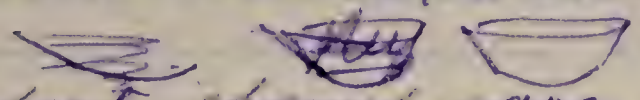
Car will not be ready until 23. This I doubt.

Feb 20. — Krueger and I hauled all my stuff to Museum at University of Texas. I will store it here until expedition is finished and I am ready to take it to Mexico city.

June and I spent day cataloguing and numbering all specimens. Gang didn't arrive to that evening.

Feb. 21 — June and I finished cataloguing stuff. Then showed it to the boys. The idea of Tonsol (Neostera comp to for

come as a bit of a surprise to the boys. Also, the engraving in Period V was the first time any of them knew of it that late.

Krieger on seeing the ~~Alto~~ Pueblito materials, immediately took me out and showed me Alto Jacal stuff. The Pueblito engraved triangle around the rims are exactly the same  . The dominance of the coronated bowl, the ring and round flat bottoms were other similarities. The breaking technique making designs was exactly the same. The low, straight sided rounded bottomed bowl were the same  . Round solid conical feet though are in Alto have been found. Also, a carved stone effigy, definitely Mexican has been found at the Alto mound. Alto materials incidently have been found south of Waco and just north of Houston. Not Far !!! Krieger echoed Ekholm's wish, explore the Sierra de Tamaulipas.

Kelly looked at the projectile point times. Come to the conclusion most of its were late and Coahuiltecan.. I will have to spend more time with him.

Had cocktail party at McAllister's house.

Feb. 22. — Went mainly over Orr's stuff. Looked at Campbells stuff from Hamilton. Neither gave me satisfaction.

Orr told me has been invited to teach archaeology at University of Chicago next year. Recommended I get Doctor's degree quick. Though Orr is an up and coming young chap I rather believe that Dr. Cole cared and should have gotten a man with more of a name and more leadership ability and a better field man.

Incidently Stovall and Griffin both talked about the job now open at the University of Okla. Griffin says it is about $3500 a year. Little teaching and publication on Okla important. Cole gets tied to Kay if he wants me or the Kniseid report. I wonder why he didn't tell me about the Ore appointment.

Left for Brownsville on a slow Lines train it was a horrible ride.

Feb 23. — Spent day recovering from train ride. Car not ready. Repairs will cost about $50.

Feb 24 — Spent day writing letter. Wrote first season report. Sent copy to Childs for Antiquity, to Mason and to Cole. Also, received note from Mexico saying that I ~~will~~ have permission to explore Cayyon diablo & Rio de las Palmas. In light of this fact asked Cole for more money.

Car not ready.

Feb 25 — Car not ready. Figured out financial report and added up receipt. Had $1726 accounted for $80 dollars in cash, and $1200 in the bank. I have spent $1400 of my own money that I have not kept receipts on.

Wrote to Kniseid, family etc. Got Pueblito pottery report from Kaplan.

Feb 26. — Car ready. It really sound good. Got supplies for next trip out. Went with Champion to 3 sites out on the Boca Chica Road. Got a few specimens. Two sites similar to old Cayo Culture of Anderson. Camels at both. The third site was burial of modern negro probably from Civil war.

Also, talked to Tony and Louis Foulon and arranged trip on Wed. & Thurs. to Anderson's site in Mexico. These two were ~~[illegible]~~ Anderson's guide into the Rio Grande Delta region for 25 years. ~~Decided~~

Decided to try to see sites between Corpus Christi and Brownsville, see how far prehistoric extended of Cameron county. Also, in this way I could profitable wait for Faulons. Further Glen Davis of Austin had recommend people who might know of stuff in this region.

Jane & I both sick. Went to Doctor about dysentery we have.

Feb 27. Drove to Raymondville. Much palaba but no sites or collection. Ran into trouble as most of coast is covered by King ranch.

Then went to Sarita. Less luck. Kennedy ranch is along the coast. Mr. Kennedy, a fascist despot, informed me there were no sites on his ranch. Talked for 3 hours. What can one do in the face of this.

Returned to Brownsville.

Feb. 28. — Went to Kingsville. Went to Museum at Texas A and I. They were very nice but their aparce materials are not numbered and damn few of them.

Then attempted to trace down collection of John P. Wm (?) ——— Ended up at boys Catholic school in Corpus Christi. The good fathers I'm afraid have lost labels etc. It is a mess. One part with location is interesting ○ shape.

Returned to Kingsville and met J. U. Chandler. Good collector lot of stuff from Baffin Bay. Will examine

more thoroughly tomorrow

March 1. — Went with young J. V. Chandler to Boffin Bay to their beach house. On the east side of the bay just west to their house I found one site and on the bay just ~~west~~ east on the west side about 3 miles from his house found more. Much of the pottery is asphalt painted stuff but two pieces are engraved. Then returned to Brownsville.

2 site

March 2. — Looked for one of Anderson's sites west to Boca Chica. No luck.

Then went across border. Got a new visa — certain visa for 120 days. It took me 4 hours to obtain it.

Got in touch with Louis Fowler. We leave tomorrow to see Anderson's sites.

Drove to Washington Beach on Boffin side asking about sites. No luck.

March 3.

Tm c 50 — Went to one of Anderson's old sites a hill, outside on a lake just west of the Rancho Loma Traversia, Found a few things. It was at this site that Anderson found one of his whole pots. At last we found the association, now.

Tm c 51 — Half way between Manuelitas & Los Flores.

Tm c 52 – Zonquee Soledo.

March 4 – Drove from ~~Bta~~ Matamoras to San Fernando. Had a blowout. Asked about sites at Ranch along highway. No luck.

March 5. – Drove from San Fernando to Rancho Tecon. The day was uneventful except that I broke the battery box and spent four hours getting it out of the mud just east of Ranch Santa Fe. Did not get to Los Algunitos.

March 6 – Tm c 49 situated directly
Tm c 49 north across the plain from Ranch Tecon and is located just east of the first point on the opposite side. Went to the site from 3 yurgets and parts of 1 flexed skeleton. It appears to have been a burial site

not a camp site

later in the day returned Ponce Indios. The people were very helpful and took me to the ferry across

Tm c 53 to _____ and half way between ferry and Tm c 48 found a large site. This site according to the river bank strata is stratigraphically older Tm c 48.

Tomorrow for Coniral. Hardly had to change two tires and fixed battery box with iron fence post and scotch ingenuity.

March 7. – Drove from Los Indios to Coniral. Walked in mud to island (1 mile) and then walked completely around the island.

Tm c 54 On the south tip I found the remains of numerous burials. Took 1 piece of skull and two sherds as evidence

On the Northeast section of the island

Tm c 55 along a reef of shell I found a great deal of pottery, mostly modern, however mingled with it was old pottery and flint chips.

On the North tip of the island in

Tm c 56 the top strata I found three or four projectile points which indicated a camp site, dense vegetation stopped further exploration. However, Tm c 56 was interesting only in the fact that ½ down the west side of the island at the base of the highest bank on the west side was found a strata of

Tm c 57 shell and projectile points. This site or camp Tm c 57 is stratigraphically older than Tm c 56. The case is not as well indicated as with Tm c 53 and Tm c 48 as the strata is broken by erosion in place but the soil type in the strata and depth tend to substantiate the sequence.

After lunch we started back and at the start of the first time of

trees inland from the mouth of the
Tm c58 San Fernando River we drove southwest 2 miles
to the first hill, island-like structure.
On the Northeast side of it we found
a site. Rather extensive camp as well as a
flexed burial poorly preserved.

Then we started home and tire trouble.
Blew out one tire. Fixed it and immediately
had flat, fixed it and the first tire
blew out again. Down to the last three
tire patches. When we arrived at Los Angeles
we had a slow leak so I repaired it.
~~Then~~ The Coleman lamp wouldn't work as a
part was broken so by the light of candle
I repaired the tire and incidentally broke
my glasses. The end of a perfect day.
Have no tire patches left. Also, lost my
best tire tool.

~~Tm~~
Mon. ~~Feb.~~ 8 - Drove from Los Angeles to La Puerta.
Arrived at La Puerta after getting stuck in
the mud twice and completely blowing out
one tire. Luckily I possessed a tire patch for
a flat tire but we are without a spare.

At La Puerta I was taken to La Puerta
Tm c59 Ranchos Viejo where I found some flint chips
and 2 two projectile points. The rest of the
population between there and Fort Tejon
were of no help. Asked at every ranch.

From Ft. Tejon to Shutumovo I had
one more flat and the rear spring to become
disarranged. Crossed the bridge with a
large bunion on front tire. Ready to blow out
anytime, one spring bad, no glasses and
no spare. Five miles further on bad dirt
road and the expedition would have
returned to Chicago.

Mon.
~~Tue.~~ 9 — Got car repaired and bought supplies. Totals for the week are.

1 — battery box broken.
1 — spring broken.
1 — pair of glasses broken
1 — column bump deformed.
2 — blowouts. (3 times no good)
9 — repairs and changing tires
4 — times stuck in the mud (total hours in mud = 13)
10 sites found.
2 ~~pair~~ sets of nervous system that to hell.

However, Dr. Cole says that car if we are careful will be all right in this country.

Mon ~~Tue.~~ 10 — ~~Tried~~ Tried to go to Lagoma Bonil with Krieger. Spent 7 hours trying to find place, no luck, Country wet.

March 11 — Rain & wind, so we stay in Mwanza letters, fix up car & make for to Peka & buy and buy supplies. Also, good news Roy

March 12 — Come from Matemwe to Longere Kalalo, see the people. Carry home some of Dr. Fenwick's mail to Mrogoro, to Iringa, Iringa to Mrogoro, Pole Blomo to Iringa Kalalo. Interesting people as all women found pregnant.

At Longere Kalalo found that a new born baby (about two days old) was dying, had not secreted milk and Fenwick one will drive family & baby to Matemwe to a doctor.

Nov 13 — Left the Dragon house
early. First of all I found
Tr. 60 shell at the rock of Jim Langley
which is about 2 miles south of Empire.
The shell was in the open sand south
of the house.

Then went out to the dunes
on the beach where Clarke found bones
etc. Heavy wind kept down sand
over dunes and could find nothing.

Then walked back from the
sea and about 100 yards west of the
Tr. 61 road to Oceanside, 4 miles N.W. of Dragon
Clarke found a site, and also, the
remains of fireplace.

About 1½ miles west of that
and directly N of Dragon Clarke
Tr. 62 we found another site, 40 x 40 with
middle full. Surround by low stone
mounds. Lots burned rock, fireplace
3 shards, shell refuse etc. Pottery
Lipped stone more burnt on
stone and stained one is the saddle.

March 14. — Back in the saddle again. Started out today N.E. of Tarque Salado. Followed out Rebica Chapetita and found a site just east of Laguna Pichorjas on the mesa.

Tm^c 63

Then switched eastward to Rosario to Bonito, followed it along for about 3 miles. Shells (sea) seem to be intermittently along it. However, it was not until we were just south of Laguna de Tofa that we encountered a flexed or bundled burial, second it was. In the near vicinity were lithic artifacts and burnt clay.

Tm^c 64

The first access plain to an old Ranch called Rosario. It was full of potsherds glass and beads etc. No site.

From here went out to the bay at Punta Borrid looking for one of Anderson's old sites, no success.

On the way home at point called Puerto de los Mejeros I examined the east west tip of the hill on the west side of the Puerto. Here I found two flexed child burial, no cover therefore no pottery and the stained remains of another burial. There were other artifacts here also, this is the only site that I believe might produce anything by digging and with digging probably damn little.

Tm^c 65

Then returned to ranch and found June and the car. Evidently, the trip to Tobe Acton saved the life of the kid waiting at the ranch were a couple of men. For the first time I encountered part of the unfortunate tradition started by Anderson. The had a mess of stuff they had picked up and wanted money for it. I then told them I would pay for it only if I saw the place it came from. Therefore we went to the Rancho Rube and from here on foot to the average, halo to the west of the houses. There I did manage to find some shell beads (or buttons?). However, there still is

Tm^c 66

some doubt in my mind whether all come from along this beach and only one part or if there might be stratigraphy. Incidentally I saw no stratigraphy. I then paged 3 pesos for the artifacts. I only hope Anderson has not spoiled this tradition to much in this territory.

I only have two days Antonio Lorenzo Junior as my guide.

March 15 — This was the day in the land. For all archaeologists in the future let me warn them to stay out in their cars. It is bad business. With Antonio Lorenzo Junior as my guide we started off. Just getting on to the beach we got stuck. It's low getting out. Then up along the beach dodging the most soft spots and messy shell to Portales. Left car and went and looked for one of Anderson's sites. ~~Absolutely no~~ Few signs of it. Also, 2 miles of walking in sand dunes and then mud is tough. Then down the beach to Boca San Jose, the mouth of the El Tigre. Looked for another of Anderson's sites. ~~[illegible]~~ absolutely no sign of it. Then decided to come home then Refugio & Quemado. However, after nothing - fish truck got stuck. Decided it was ~~to~~ worse than at Tanque Valado. Asked one of the local boys from Refugio about sites. He knew of none. Antonio confided (with glee) that Anderson had found none here.

Then back to Tanque Valado. At the beach we got stuck. Had to walk 3 miles to Tanque Valado for mules and by 9 o'clock at night arrived at Tanque Valado Ranch. 13 hours work, no sites, plenty of mud.

March 16 — Antonio and I made a tour of the Ranchos north of Tanque Valado, evidently is the Anderson tradition. At La Rosa

Tape 67 we were given materials that supposedly came from a Pecosa, half way between the ranch and Boca Rosario.

Continued our survey on up to Ranch San Pedro where we had lunch and then ~~had~~ to one other ranch ——— 5 kilo north and we returned to Tampico Alto.

On way to Matamoros, a horseman at Ranch San Jose flagged us and had materials he said from ranchy Reserve and also, letters from Reserve. He wanted to sell it. I bought it and left, impressed with Anderson's methods.

Arrived in Brownsville 7 P.M.

Tm^c 68

March 17 — Wrote notes, did maps of La Perla digs. Wrote correspondence. Had pleasant letter from Ekholm.

March 18 — Brought car across bridge to have lock and speedometer fixed. Also, bought food. Talked over local situation with F.H. Champion. Wrote more letter and skipped off receipts.

March 19 — Took off to day. Enquired about Relero de la Garza. Then on to Victoria and gave letter to Constantino Salinas for Pedro Lerma at Los Angles. Also, talked to a young tourist about going with me to explore the Sierra de Tamaulipas. Dont I talked with him over a bottle of rum until 2 A.M. Politically very compatible for the trip.

March 20 — Went from Victoria to San Fernando, bought gas and then to Soeto. Had very agreable evening talking with the de la Garza brothers, but they know of no sites.

March 21. — First went to Morales and found an old man who knew all about habitations of Indians. Went out 1 kilo on road to Matamoros and looked at one cave, nothing in it. Then visited the other habitations (?) and went to Ranch San Jose.

Here I talked to all the cowboys and went down to the Laguna Madre. They have a few sites around there but suggested I try St. Rosa, a hill just north of Mazunga and Ranch Pottres (4 miles from St Teresa).

Then back to Loreto and to La Florida. Received a lot of useless information there about the indian but no knowledge of sites. All inhabitants new the region.

Then for the night at Ranch Colon.

March 22 — Received information about a site on an island near the ~~[illegible]~~ camp at Colon. Wind too strong today. Will go there tomorrow.

Then went to Loreno. Found an excellent guide Roberto Vela. Went out a cow trail to Laguna Madre to a

Tm c69 bay called Laguna Leon, on the north side of the lake on the highest hill found a good site, little or no pottery. Strange one fired rings before the hurricane there was a lot. ~~Then~~ Then circled the lake to a point coming

Tm c73 in from the west that almost bisects the lake. Found another good site. It overlooking from a high bank.

Then waded across the channel separating the north less lake from the south

Tm c71 Leon Laguna to a peninsula that gets in from the east. This place is called la punta. Just north ~~end~~ of la punta I found another point on which was a large site, an extended burial (?) and many sherds. The occupation was indicated by a 4 inch layer of shell found about 2 feet below the present surface. If this site was not so accessible and labor more so I would dig it.

Then went along north side of less Laguna till the Arroyo Loreno

Tm c72 enter it. On the north side of the arroyo was another camp site with much pottery (before hurricane more). Took a photograph of it.

Rough map of area

Then returned to Coton ~~as road~~ next ranch is la Boca and 8 miles off.

~~Tm~~ March 23

Went out early to Tavajos to see a site I pulled & helped to dig with 2 Miles in the morning to my great and proved site Tmc 73 which is the fourth from at Tmc 24 [illegible] found [illegible] [illegible] should be dug. Great disappointment [illegible] hope the flooding may not suffer.

Tmc 73
Tmc 74

Then returned to Mengouzes to look for a negro girl, with small foot. It is a Tongan, belongs to Nuku'alofa. ~~[illegible]~~ Just East of Hunter Ranson on Bluffs overlooking ocean on the south side of the island by a deserted hut. Then attempted to get down to Comfort and Colombo but could not do so.

Tm c 75

Back to Fanamanu for the night.

March 24 — From Fanamanu to Mount Fagan. Talked to Tony Hagan about steer. Received no information. Then got to Ranchi de Pietro.

Tm c 76

At the ranch on the bay first month and part of the second day hunt for unbranded.

Then further on to ~~[illegible]~~ Club House on the bay called Recondo de Pantin and found the remains of a female, a few intestines, a young steer, informed that Anderson had indeed slaughtered probably received for sale.

Tm c 77

March 25 — Go Brownsville to work for the letter with my money.

March 26 — No letter, no money.

March 27 — No letter, no money. Then left for Chicago, on the Bluffs.

March 28 — No letter, no money, finally after last month De Pierre to Johnson.

March 29 — Met Rodolfo Ranson nearly and then to Fanamanu

March 30 – Started for a ride to Los Angeles, no luck.

March 31 – Finally got a ride for 60 pesos. Drove to Cordel for the night

~~March~~ April 1 – Got to Los Angeles, slept over to work. What a ride in a 1932 Ford coupe. Planned company with Pedro, Roberto and Jose. It ought to be all right

April 2 – Left Los Angeles for Las Tinajas in between DeCorde and Cosquillas. On this ridge I found a nicely ruined inflecting roundhouse with entrances and 3 related houses with steps leading up also found a corral

Tm C 78

A rough map would be

Before ~~Get~~ lunch time since Roberts & I had not seen surface pottery we cleared off the leaves from one house. In its shadow found a fair amount of pottery. This is number Tm c 78-house 1. Then I ~~[illegible]~~ left with all the crew I went to house 2 and once it was clear of trees on top I day to solve the problem as whether these structures were house mounds or ~~[illegible]~~ platform with houses on top. It turned out to be the latter. On the following page are drawings. I, also, took a photographs

April 3 - Returned to house 1 in the morning time it had 3 stairs and 2 steps on the side decided to dig it to see if there were 2 floors. We sunk a 10 foot square 1 foot in the top then contined down 3 feet in 2 foot square. The bottom 2½ feet were only rocks, no other floor. I took 3 platform of this, left bed.

I did not finish, clean off the steps for this house, P.S. I found that these mound structures being platforms. The material from the 2 Phoenix looks the same, but in some respects ~~[illegible]~~ differ from Pueblo.

In the afternoon spent 6 hours walking and looking for Pueblo of 60 rooms, I did not find it. 13 miles walking in search of it and no luck. However, I did manage to fall down on one of cliffs and cracked my ribs. I greatly suspect my uncle Pedro more than getting lost just plain didn't care to walk further.

Rear side of loft – door 54" wide

15'11	18'6
23'6"	26'2
29'9	29'10
29.5	27'1
27'8	29'8
20'2	15'6
14'8	10'2
12'9	11
22	20'7

Clark 15
11 25

Step 5 feet long and one 5 maple edge

T 7 R 18 - house - bottom of level 1

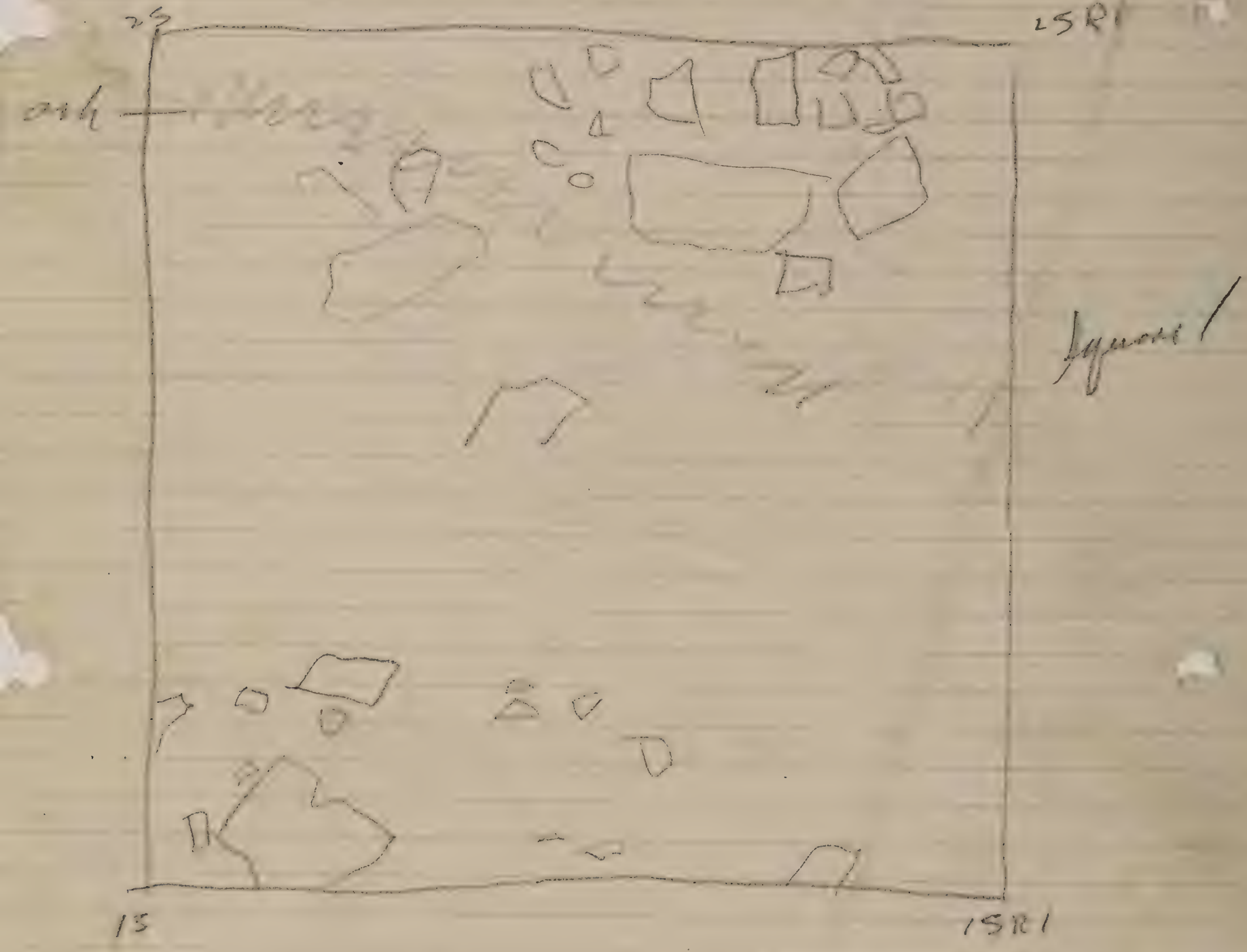
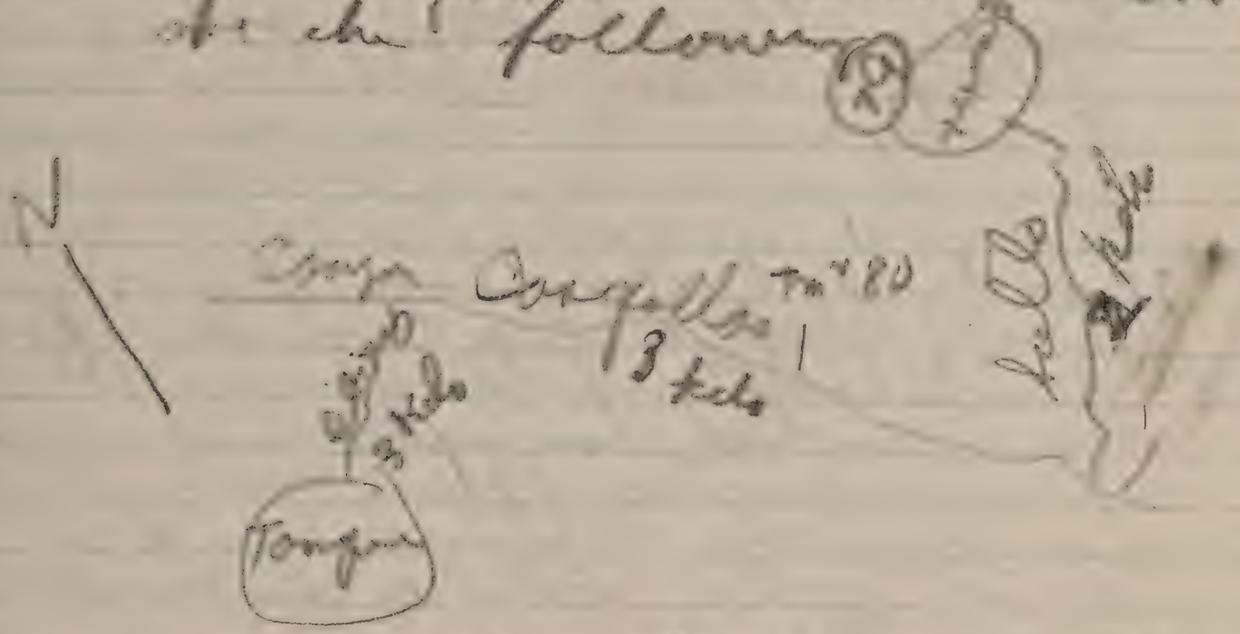
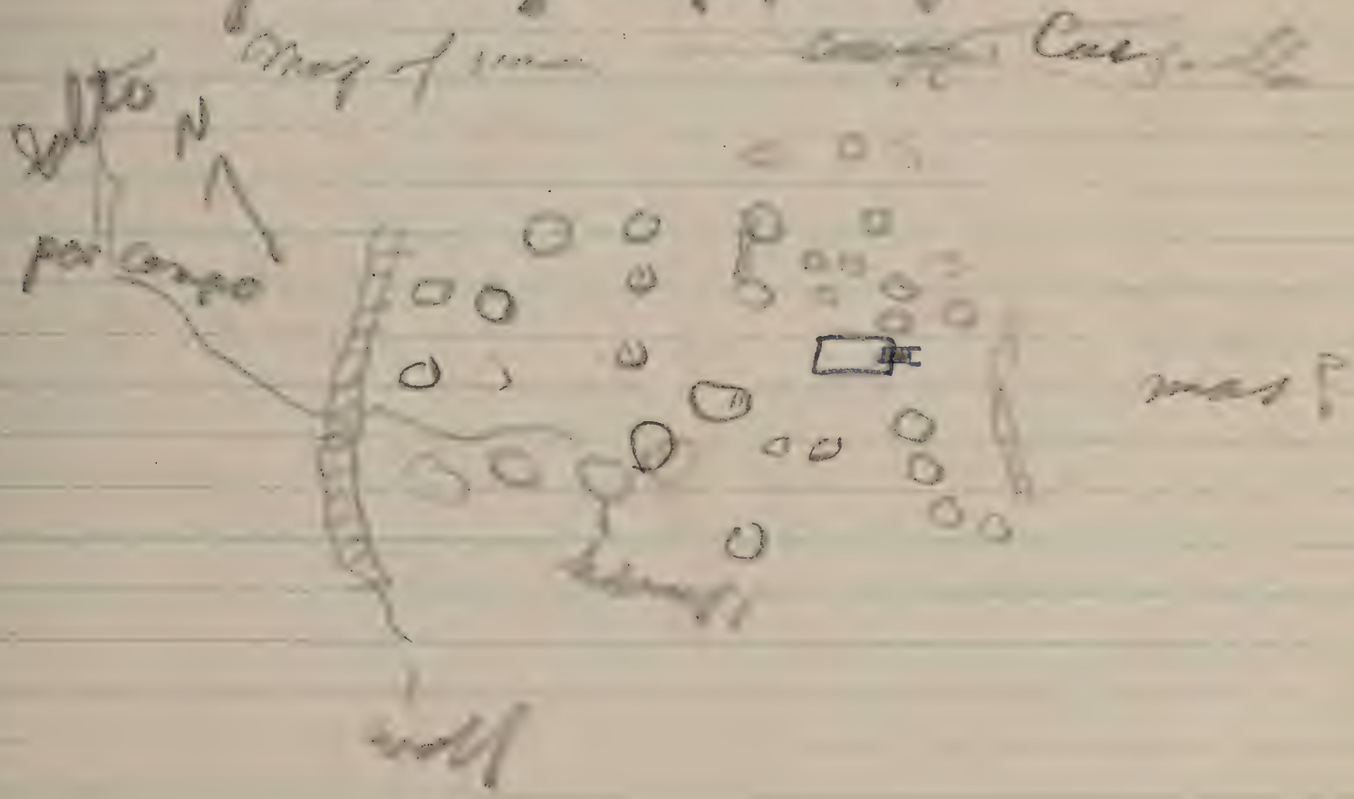


figure 1

April 4 – This day I went to the ruins on the hill just North of Tuyon de Salta. The direction of the following



Here we found a large ruin Tm R 79 4 hours of hard walking. Then we dug 2 5 ft squares, 3 levels down, see following map of region.



With the excavation of this house & kelsey we now found that these platforms are for habitations not temples. Lots pottery, pots of various - pottery, metal & cloth were found in the excavation was composed of wood covered by charcoal and burned it walls were white & hard. Further with the house it is very likely that the top level was refuse of inhabitants of the house, while level 2 and 3 which was refuse and chunks of adobe was filler taken from the surrounding region and used to build up the center as the height of the walls.

April 7 - walked from Los Angeles to Cañon Diablo (no money for horses). Made our camp about 2 miles north of the arroyo entering the Diablo from the direction of Los Angeles. This should be situated directly below Pueblito.
We then went northward (?) in the Cañon Diablo to a cave, a rock shelter, strings of 3 or 4 parallel lines about 4 inch long were painted on the walls in red paint. Petro name with dates 1945 and 1927 may also be seen on the wall. The floor was covered with ~~[illegible]~~ small rocks and numerous flint chips. It was then decided to test it for depth with a 4 foot square hole. It proved damned interesting and in the future this cave should be dug. A photograph of the cave was also taken. The 4 foot hole which was stopped at a depth of 2 feet to prevent injury ~~[illegible]~~ to the deposits as one wall was necessarily hurried. The stratigraphy was the following the top 3 inches had flint chips and fragments of two projectile, next was a layer of ash 3 inches. The next 6 inches was composed of red (possibly burned) earth and numerous projectile point of a different attribute to the top. The next foot had refuse and numerous large rock. Some type of material as 6 inch above. At bottom of pit was a charcoal floor. Left it for future investigators.

Tm c 81

On returning to camp found that Tague had stampeded up and also shot a beer. Water situation bad. Walked about 33 miles today. Feet in arroyo bottoms very hard on feet.

For bottom of cave and sketch of it see map on following page (not in back of book).

Catalogue Tm c 81

Tm c 81 — surface.
Tm c 81-1 — top 3 inches above ash layer.
Tm c 81-2 — ash layer, 1 inch
Tm c 81-3 — 6 inch level
Tm c 81-4 — 1 foot level

surface.

April 8 – This morning southward down the Diablo. On the opposite of the canyon from the place where the road ~~from~~ Pueblito leaves the canyon we found a large flat terrace. On this
T m c 82 terrace we found numerous sherds, flint chips and the remains of one round house. Probably some altena or pueblito and this represents the home of a farmer and his field.

Pretty north of this field is a high cliff and another shelter. This
T m c 83 contained numerous flint chips, some points and it has a small surface of dirt and refuse. Might be worth further investigation. Had be visited by explorers Club of Pueblo.

Then 4 miles down the canyon Diablo to another Cave, very small about of depth
T m c 84. through flint points numerous. There were wall paintings, but not photographed. Marked No. 1 ~~on~~ ~~plot~~ ~~of~~ ~~plan~~

Then from the Canyon Diablo for another Cave. It had wall paintings. Incidently
T m c 85 a photographed on wall painting of a man on a horse. A few flint chips. Probably represents cave of Pueblos (as described in top of Cave 81. This is marked cave No. 3 by Explorers Club of Pueblo. Also, there was a drawing ~~a~~ ~~man~~ ~~fast~~ ~~bow~~ ~~and~~ ~~arrow~~

Returned to camp and when the field receives the canyon from camp. Walked all over it, no luck.

While cooking supper, gloves cooked, but situation bad. Felt hurt.

See map for location of caves

T m c 86 Then down the Diablo 4 miles road. Lot of wall painting, getting late no photography. Painting similar to T m c 84. No flint found.

April 9 — Went from Pueblo to Pueblito. Further collected most of the day and made a map of the site. Water very low. Fortunately for mapping much of the site has till the ground turned yellow. Of course long gate a little on the far of spading, by that night fire arrived with more supplies. Unfortunately he only had half of Pedro's note about front and therefore not supplies in the future will be low.

The Pottery of Pueblito is among many different kinds of pottery found and the finding of numerous molds made figures bears out.

April 10 — Started out in the morning for the ruins named Morenglia. This is supposedly more of Pueblito. Unfortunately Pedro got lost 5 hours walking, no water, shade too for Pedro

Later come back and put out three more test pits into Pueblito. It is now possible to see 9 test pits in the site. 9 is where is the refuse deeper than 12 feet, nearly less than 1 foot. However in spite of this I believe this is starting by (possibly) largest site.

April 11 - Went from Pedro Lito to Calabozos, got my feet both of the trip. Pedro feel in very bad condition. If it keeps not get better, they will be left at night. I stumbled on rain for today. I get to wind sheep, tired up by morning leaving Lito after a time.

We walked this 20 Kilo in about 6 hours, and the last 12 Kilo were in pure gravel. My shoes are wearing. Tough hiking.

April 12 - Well, it poured like hell all day. Nothing to do but eat & sleep and read. 2 of Pedro's friends dropped in and they will be guided in future. They neared left all day, and of course appreciated some of our precious rations of food. Washed all the sweat of my clothes that I wore to. The weather cooling a bit warm and

April 13 - Quietly still much as and when we were talking about pay. Esteban headed to help me out but offered the comment that in the first hundred pay for guides we gave them food. Tough pal!

Trn R 86 Then up to ~~[illegible]~~ the mesa on the top of Cerro de Guadalupe. It is about 4 Kilo (up) from camp. The mesa pyramid about 30 feet high has a lake and part of it. Surrounding the lake and [illegible] the pyramid are numerous [illegible]. Surface finding are extremely rare. Thus he profitably carried for [illegible] morning. Leaving in the afternoon I noticed a cut hand [illegible] for water. Crossed a rifle ancient and found [illegible] of flows extending to about 4 1/2 feet.

Immediately Pen D staked out the area into 3 feet, foot square and photographed it. Then he started digging, put the humus off 2 squares and finally started to screen buckets full. After an hour of waiting returned to camp, washing well, cold and dirty. Arrived about 4 o'clock. Coming down a wet mountain, 4 miles, running a dangerous spot, strangely I shivered a trace when I felt.

Boy, do I miss my wife out in this lonely desolate country.

D Pen 14

Today the real excavation began. I kept I the stratigraphy. The 3 trenches are numbered 0, S1/0, from west to east. Level 1 in all trench is humus and plowed earth. Level 2 appears to plowed earth removed by the plow as well as straight amount of debris. This is referred to as zone A. About 1 foot from the surface is a concentration of blocks, burned clay etc. This is Floor 1 and appears to be a broad or cultural substrate. Underneath this is somewhat less large concentration of stone extending on a floor at about 1 1/2 to 1 feet. The area above the floor is Zone B and the floor, Floor 2. In most cases the 2 Floor 2 Zone B, was reached in the Directly under floor 2 is a semi-sterile zone which I am calling zone C. In square O, it is about 1 1/2 thick. In the other square it is preceded by another Floor. The exact definition of this area will be worked out tomorrow.

Trench 86

Zone A

Floor 1

Zone B.

Floor 2

CO2 levels are high with levels in the catalogue

One difference I noted in this house is that they appear to have the rooms ~~[illegible]~~ built on what appears to have a dark round of dirt. Might be interesting to dig.

April 15 — In squares 5 + 10 amber floor was noted that appear to connect with floor 2 along to 5 axis. This floor & an cultural Floor 3 and is separated from floor 2 in squares 5 + 10 by Zone C. Zone C does not appear in sq. 0. Below this zone less cultural materials were found.

Tm '86

Floor 3

Zone C

Zone D was under floor 3 (in sq 5 + 10) and and floor 2 in square 0. It was about a 1 foot strata of yellowish brown soil with little or no cultural material in it. I rather believe it is an alluvium. Below Zone D was another floor, 4. It was not too distinct but nevertheless apparent. Material were found though not numerous. Below it was a thin layer of reddish earth separating this from Floor 5. This // is Zone E. In most cases of excavation both Floor 5 + Zone E strata were bumped together and compose level 8. Below this floor was more refuse about 6 inches. In square 0 + 5 at level 9 we definitely encountered basic soil. This lowest most culture strata with little or no material is Zone F. However, in sq 10 it is possible that earlier strata deposits may be found. I dug a small hole down into the so called basic soil and though I found no sherds was not entirely satisfied this is not, also, cultural strata.

Floor 4.

Floor 5 + Zone E

Zone F

Pedro's foot still in bad shape. Spent a lot of the day photographing big pyramid, house and final orbes section.

At present I believe that

this ruin is somewhat older than those to the east. The houses are mostly without steps, figurines are not found and I believe none of the malfajate feet on solid lungs, none like I found on those that the types previously found.

Senor & Senorita Fernandez, our two guides from Calabonos told me about another ruin just northwest of here about 20 kilometers called Tunjones. Don't believe I'll be able to visit it.

April 16 — Today we went to Cerro Refugio. At the ruin itself it is about 7 kilometers, 4 of which are up hill. On the way up we saw 12 deer and 4 turkeys. Once on top the usual house we saw had two cerquella one inverted on the other, set in the floor. Also, on top of the inverted cerquella was the neck of an olla. Cleaned them off and photographed them. Finally just barely got them out when it started to rain. While excavating I thought that probably there would be a burial under. However, there was not. The dirt inside the cerquella was excavated with the greatest possible care. First it scraped with a trowel until a handful of dirt was loose. Then this dirt was sifted and the cleaned area examined.

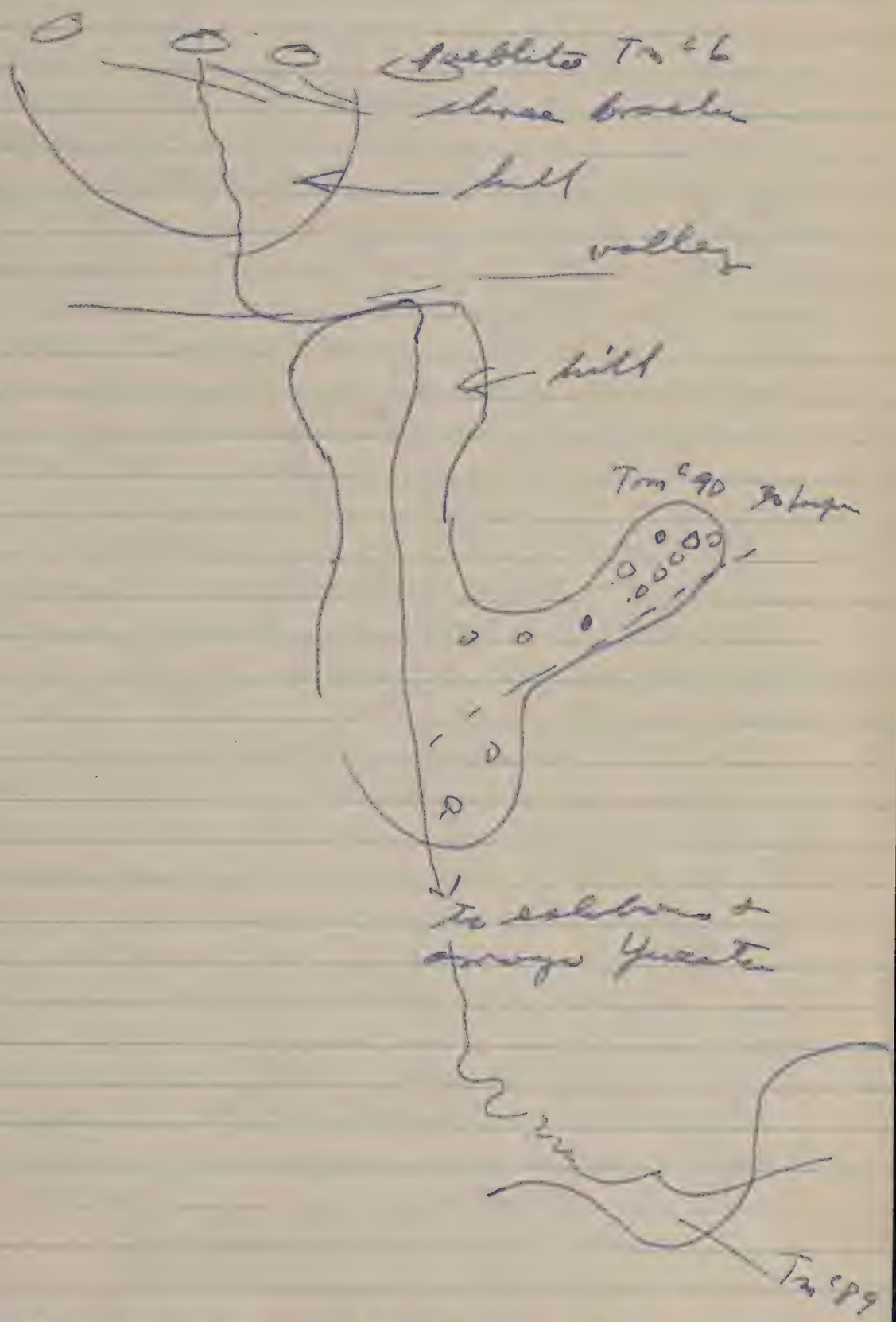
Our visit before examination of the ruin was terminated by more rain. We stood under a large rock for 4 hours while it poured and flew. Finally went back to camp soaked to dirty dishes and wet clothes. Pedro had slept all day not washed or moved our things when it rained. Food running low.

Tim '88

April 17 — Back to Cerro Refugio.
Looked over the whole ruin,
photographed it and made a sketch
of the central part. Found some
more sherds. Much of the top wall
of this ruin has probably been
worked away. One noticeable difference
Tm c 88 in this ruin is that house or walled
platform are constructed of builder's
cut slabs, also, no stairs apparent.
Started a couple of other holes but
quit as deposits were too shallow to
warrant excavation. Possibly put large wagon
similar to ron pottery, also found one metate on the mountain
on the way down
shot a deer. 200 metros, one shot,
in the head. Fresh meat tonight
along with honey. What a feast.
Took photograph of deep wind cave.

April 18. — Last night and this morning
talked over possibility of going on to
La Piedra, Tecolote, El la Luis, and
Sonrisos. It is out as I don't have
enough burros, probably can't buy
feed as rains have started concrete
and most important I don't believe
Pedro could do it. Will try it better
in my car.
After this discussion started
off for Los Angeles. Pedro very slow.
At the small grassy plain were
the trail for Pueblito leaves the
Tm c 89 arroyo. Metate found on open site
without pottery. A lot of flint chips
and 2 projectile points.
Then continued on the trail
for Pueblito. At the hill where the
Tm c 90 trail turns off for Tripione found
another ruin! The human is pretty
well eroded off but about 12 houses
round, of stone can be seen. It is first

north of the trail and along the road for trigonometry. Also it is about 4 miles east of Pueblito. The following map may help.



For the night slept in the canyon of Tlalte. Approximately 30 kilometers walking. 20 in loose river gravel. Then worn out

April 19 — Arrived in Los Angeles about 2 P.M. Pretty tired. More rain late in the afternoon. Paid off everybody — 10 kilometers walk. Bought new shoes. Organized archeological materials.

April 20. — Walked to Maguana to find out about rule to Villa Cura. Not possible, ~~[illegible]~~, too much cargo already. The other comerciante, Raphael broke a part on his truck and probably won't return for a week. Therefore spent rest of morning lining burros packs, and packing archeological and other equipment to go to Cura. Will walk the remaining 45 kilo tomorrow. Trip is over.

Decided to write here my impressions concerning the trip. The earliest materials were found in cave 81. These should be compared with some of the earliest materials in the Valley of Mexico, Oaxaca, Texas & N.M. The next oldest materials I believe come from the lower levels of Guadalupe 87 and Refugio 88. The second period in the Pueblito culture is composed of upper levels of Guadalupe, Horn I & II of Tm 78 and the lower levels of Tm 79. Period three consists of upper levels of Tm 79 and probable Pueblito. Later than this is culture of upper levels of Tm 81. Thus the sequence is

	upper levels Tm 81
~~Huatera~~ IV	III Pueblito
~~Huatera~~ III	II Pueblito
~~Huatera~~ II	I Pueblito
	Tm 89
	Tm 81 lower level

A summary of sites found on this trip are the following

Ruins of Pueblito Culture

Tm c 6
Tm c 78
Tm c 79
Tm c 80
Tm c 82
Tm c 87
Tm c 88
Tm c 90

Late non-pottery cave dwellers.

Tm c 81 (upper levels)
Tm c 83
Tm c 84
Tm c 85
Tm c 86

Early non-pottery culture

Tm c 81 (lower levels)

Cochuillera culture

Tm c 89

The reason for my sequence and correlations of Pueblito culture are the following

Late Period - Pueblito & Tm c 79 upper levels having Period 4 & 5 figures, hunters B/W and house with stairs

Middle Period - lack of stairs under above lack of stone chronologies, under stone,

Early Period - Dominion of Red ware, ones of figures definitely not based made. Milpitas feet of long cone variety. Flat round bottom not very bottom.

Well, just heard a bunch of an airplane. It's a truck.

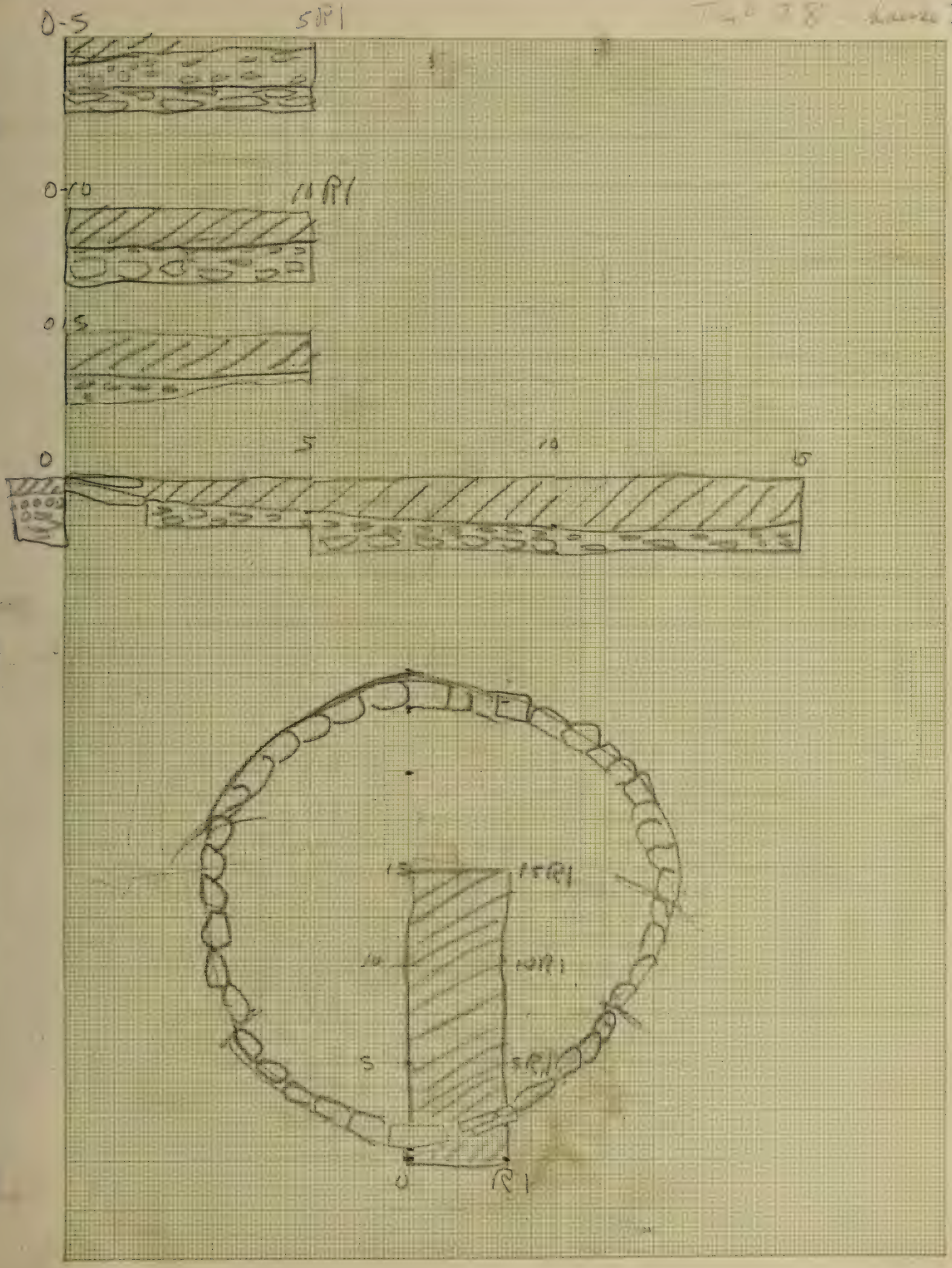
Tomorrow we leave for Villa Cruz in a Truck.

April 21 — Drove to Villa Cruz in truck. Drove my car to Victoria. Talked with people about going to San Jose de la Ruina. It is impossible with the rain. Therefore, will go by Caton.

April 22. — Drove to Jiménez and to the Arroyo Cachero. It is full of water, impossible. Caton trip out. Turned back to Victoria, then to Monterrey & Reynosa.

April 23. — Arriving Matamoros, generator car broke down, arranged for a passport for Roberts.

April 24. — Got Roberts a passport, tomorrow will go to Austin to work up Anderson material — Expedition completed.


0-5
5 R1
0-10
10 R1
0 15
0
5
10
15
15
15 R1
10
10 R1
5
5 R1
0
R1

Chaetognatha Table

	Pelletia monotis	Pelletia stylifera	Sagitta planctonis	Sagitta serratodentata	Sagitta bipunctata	Sagitta lyra	Sagitta minima	Sagitta neglecta	Sagitta planctonis var.	Sagitta robusta	Sagitta stylifera	Sagitta serratodentata var.	Sagitta bipunctata var.	Sagitta lyra var.	Sagitta minima var.	Sagitta neglecta var.	Sagitta robusta var.	Sagitta stylifera var.	Total
Sum Rocks			2	2	57	4	14	15					3				1	2	6	106
Sum Lounge		10	2	36	158	9	43	54	21	5	6	1	2	15	1		3	4		370
Sum Wells			3	5	56	2	9	26	1	2	6		3	2	2	2				117
Spring				1	19	5		5	5.				1							36
Summer				2	30	6		15	5	1	8									67
Fall		4.	3	27	127	17.	2	14	14.	1	15.	1.								229
Orkneys		5.	2.	15	23	4.	3	17	9.	1	11.									90
Defensible	1	14.	4.	10	26	2.	4	2												63
Totals	1	33	16	93	491	44	75	18	55	10	46	2	6	20	1	2	3	1	1	2	6	1061

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1. Preview of Treasure Chest programs.
2. Use of reference library.
3. Use of loan material.
7. Preview of new exhibits.
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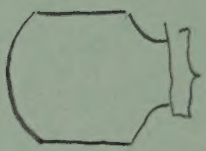

DAILY FIELD NOTES of TAMAULIPAS EXPEDITION
Nov 17, 1945-Apr 24, 1946 BY RICHARD S. MACNEISH (18)
hand written